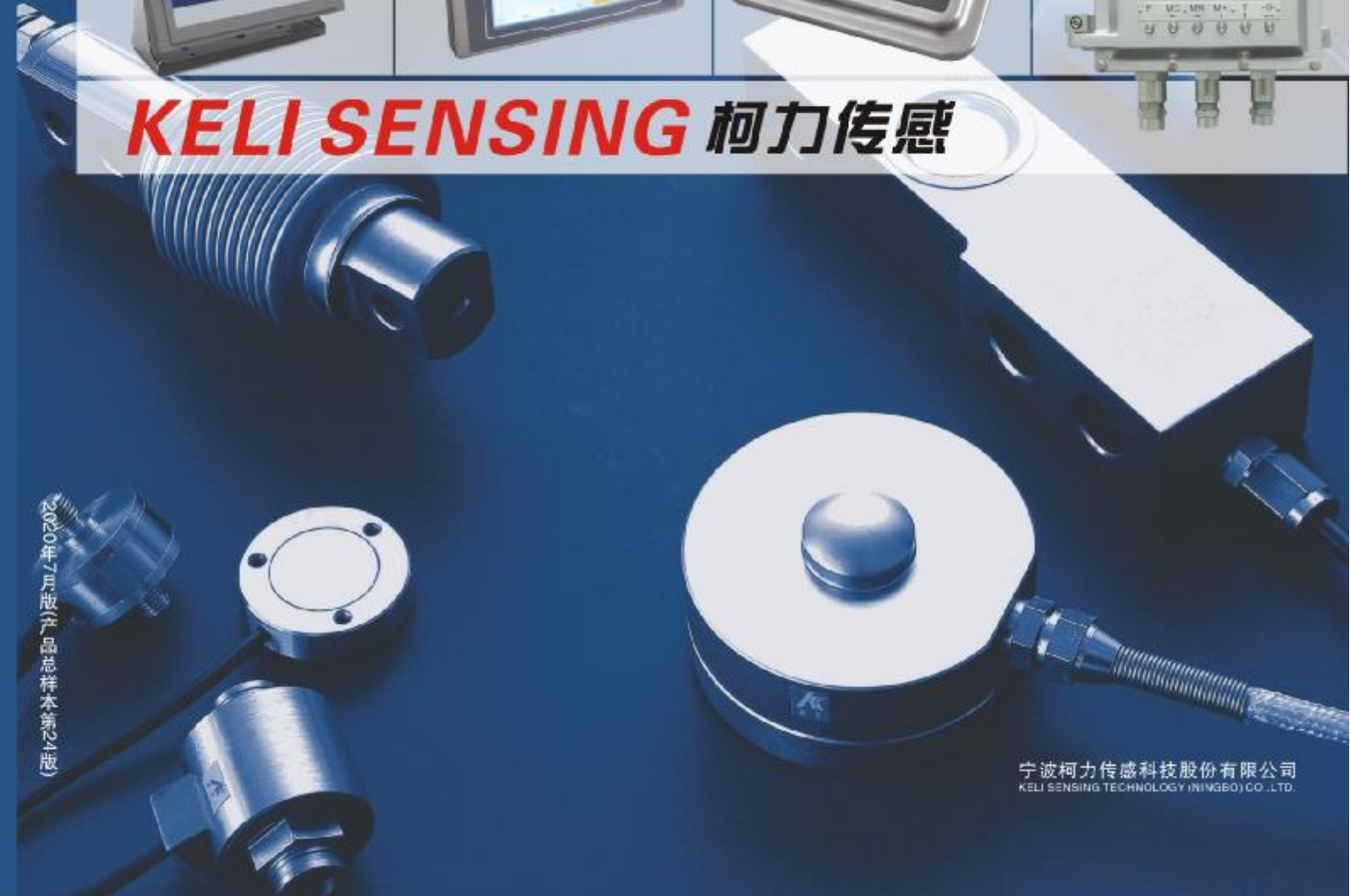


<< 健康 科技 可靠 便利

2020年7月版(产品总样本第24版)



KELI SENSING 柯力传感



2020年7月版(产品总样本第24版)



宁波柯力传感科技股份有限公司
KELI SENSING TECHNOLOGY (NINGBO) CO.,LTD.
地址: 宁波市江北投资创业园C区长兴路199号
ADD: No. 199 Changxing Road, Jiangbei District C, Ningbo, China
国内销售产品服务热钱 (service hotline) : 400-887-4165
国内销售产品销售热钱 : 0574-87562286
国内销售售后服务热钱 : 0574-87562210
国内销售传真 (Fax) : +86-574-87562279 87562289

国际贸易邮箱 (Inquiry email) : keli@kelichina.com
info@kelichina.com

邮编 (P.C) : 315033
Http: //www.kelichina.com

宁波柯力传感科技股份有限公司
KELI SENSING TECHNOLOGY (NINGBO) CO.,LTD.



宁波柯力传感科技股份有限公司
KELI SENSING TECHNOLOGY (NINGBO) CO.,LTD.



BRIEF INTRODUCTION

KELI SENSING TECHNOLOGY(NINGBO) CO., LTD. (hereinafter referred to "KELI") is one of leaders in the research and development and application of IoT in the global weighing field, also one of the important weighing component manufacturing and sales companies in China. One of the pioneers of industrial Internet of Things industry, KELI headquarters is located in Ningbo. Headquarter and major subsidiaries occupy around 100 acres (headquarters around 35 acres), have finished "weighing data center" and 8 production lines for IoT systems, IoT Laboratory, 26 Laboratories.

KELI sensor was listed in August 2019 (Stock Code: 603662). KELI has 12 functional departments, 5 business divisions and 12 subsidiaries (including 6 IoT subsidiaries), 4 wholly-owned subsidiaries, namely Yuyao Pacific Weighing Engineering Co., Ltd., Anhui Keli Electric Manufacturing Co., Ltd., Ningbo Keli International Trading Co., Ltd., Ningbo Keli Internet of Things Co., Ltd.; 7 holding subsidiaries, including Ningbo Wo'fu Internet of Things Co., Ltd. and 6 IoT technology service subsidiaries; 2 share holding subsidiaries, namely Yuyao Yinhuan Flow Meter Co., Ltd. and Research Institute Co., Ltd.

KELI provides professional weighing IoT solutions, IoT software customization, Keli ERP data management system and digital factory solutions. Specializing in the development and production of various physical quantity sensors, weighing instruments, electronic weighing systems, industrial IoT system complete sets, truck-integrated machines, non-stop detection systems, construction machinery Internet of Things (including dry mortar), port machinery and ocean industrial IoT systems, projects, products and solutions for engineering equipment Internet of Things, crane Internet of Things. At the end of 2015, KELI launched the first weighing IoT product "W1501 system". By the end of 2018, the production and sales of the Internet of Things system exceeded 18,000 units.

KELI strictly follows the international legal measurement organization OIMLR60, OIMLR76 standard production, manufacture of sensors, electronic weighing instruments, with anti-corrosion, waterproof, explosion-proof, shockproof, lightning-proof, and more than 70 kinds of sensors have OIML and NTEP Certification; more than 100 sensors have passed the Russian GOST certification and Ukrainian certification; more than 58 sensors, meters have passed CE certification. KELI has 149 patents, 158 computer software copyrights and 4 software products. Has a provincial famous trademark. The main author drafted the "high temperature load cell", "digital sensor" and other industry standards, participated in the drafting of "weighing sensor" and "metal paste resistance strain gauge" and other national standards, a total of 15; is the main pen / participation in national standards, industry Standard 6 items.

KELI has successively obtained the vice chairman unit of China Weighing Apparatus Association, the vice chairman unit of China Industrial Measurement Association, the national advanced enterprise of light industry excellence performance, the top ten enterprises of China's light industry weighing industry, the China Weighing Instrument Association weighing the Internet of Ningbo training base, and high technology Enterprise, big data-based weighing IoT system service new model obtained the service-oriented manufacturing demonstration project issued by the Ministry of Industry and Information Technology, "Two-in-one integration management system evaluation certificate", Zhejiang Province information economy 100 key enterprises - Internet of things key enterprises, Zhejiang Provincial service-oriented manufacturing demonstration enterprise (platform), Zhejiang enterprise engineering technology center, Zhejiang Keli Weighing IoT Research Institute, Zhejiang Patent Demonstration Enterprise, Zhejiang Primary and Secondary School Quality Education Social Practice Base, Wuhan University Internet of Things Research Center, 2018 Ningbo hundred enterprises - competitiveness of the 16 bit 2016 Ningbo intelligent manufacturing brand TP20, 2016 Ningbo hundred brand brand value - 4.6 billion in Ningbo City 100 emerging industries of strategic enterprises, Ningbo hundred enterprises in manufacturing, Ningbo Top 100 Enterprises and Ningbo High-growth Enterprises Industry, Ningbo Innovative Enterprise, Ningbo Patent Demonstration Enterprise, Ningbo Technology Innovation Team, Ningbo Science and Technology Progress Second Prize, Ningbo Major Scientific Research Project "Research and Development of Automotive Weighing Sensor Based on Magnetostrictive Material and Its Industrialization" undertakes many of the honorary titles of the top ten enterprises in Ningbo Jiangbei District and the forefront of taxation of industrial enterprises and the quality award of Jiangbei District of Ningbo City.

KELI has always attached great importance to the construction of corporate culture. Through years of development, it has formed a core culture of "seeking truth and innovation, serving employees and achieving customers". "KELI People", "KELI Basic Law", "Keli's Corporate Culture", "Management Wisdom", "Diversity and High-end in the New Situation", "Keli Group and IPO", "KELI 15 years" Publications. From 2007 to now, KELI has not forgotten social responsibility and public welfare undertakings, established the "Keli employee love mutual fund", established a youth volunteer team, and carried out many public welfare activities such as sending warmth, "clothing cycle", community volunteers, and book donations.

At present, KELI is focusing on the Internet of Things strategy, deepening the demand for the Internet of Things in the market, and building the Ningbo Industrial Internet of Things Industrial Park. KELI has transformed from a simple manufacturing to a manufacturing service industry, from a "hard" thinking concept to a hard and soft combination, from a simple customer relationship to an IoT eco-partnership relationship with a common philosophy, goals and execution. Create. KELI is moving from entity to virtual and real, and industrial investment is parallel; it is developing from the Internet of Things to the Industrial Internet of Things, from enterprise management to platform development. The company is working along the development direction of "internationalization, technology, diversification, grouping and service" to work for Ningbo "China's 2025 pilot city", and strive for the development of industrial Internet of Things, to build a world-class object. The corporate vision of a networked company is moving forward.

精准品质 柯力制造

Precise Quality Made by KELI

企 业 简 介

宁波柯力传感科技股份有限公司(以下简称“柯力传感”)成立于1994年,位于宁波市江北区投资创业园区,是目前全球称重领域物联网研发与推广应用的主要引领者之一,也是中国重要的称重元件制造及销售企业之一和工业物联网产业开拓者之一。主要研制和生产各类物理量传感器、称重仪表、电子称重系统、工业物联网系统成套设备、公磅一体机,提供无人值守系统、不停车检测系统、建筑机械物联网(含干拌砂浆)、港口及海洋工程装备物联网、起重机械物联网、智能物流物联网、环保设备物联网等工业物联网系统、项目、产品及解决方案,同时提供专业的称重物联网解决方案、物联网软件定制等,建有“称重设备数据中心”、物联网实验中心及26个实验室。

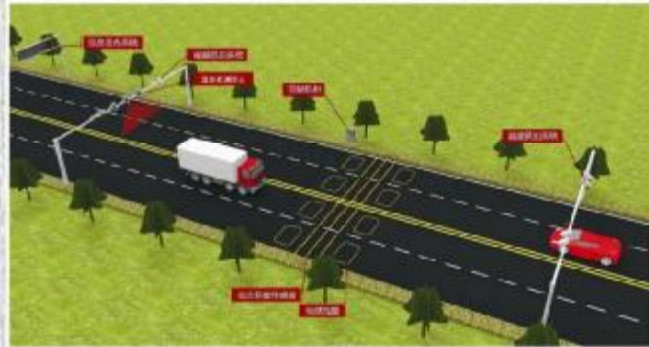
柯力传感于2019年8月上市(股票代码:603662),采取集团化管控模式,总部设在宁波,下设12个职能部门、5个事业部和12家子公司。柯力传感拥有六大生产基地,主要分布在宁波、安徽、余姚等地。公司现有员工1900多人,其中宁波总部900多人,已形成一支技术精湛,研发实力雄厚的技术人才队伍。

公司严格按照OIML国际建议R60、R76组织生产,制造的称重传感器、电子称重仪表具有防尘、防水、防腐、防爆、防雷击等特点,已取得50多种称重传感器和电子称重仪表OIML认证、7种称重传感器NTEP认证、50多种称重传感器俄罗斯计量认证、10种称重传感器乌克兰计量认证、50多种称重传感器和电子称重仪表CE认证等。目前,公司拥有149项专利、158项计算机软件著作权、4项软件产品。主笔起草一项行业标准《称重高温传感器》(QB/T 4929-2016),参与起草两项国家标准《称重传感器》(GB/T 7551-2008)、《金属粘贴式电阻应变计》(GB/T 13992-2010)、一项国家计量技术规范《便携式动态轴重仪校准规范》(JJF 1212-2008);参与起草一项国家标准《动态公路车辆自动衡器-弯板式》、一项国家计量检定规程《静重力标准机检定规程》。

公司先后获得中国衡器协会副理事长单位、中国衡器协会轨道衡专业委员会委员单位、全国轻工业卓越绩效先进企业、中国轻工业衡器行业十强企业、中国衡器协会称重物联网宁波培训基地、高新技术企业、国家传感器产业振兴和技改项目、国家制造业单项冠军培育企业、国家服务型制造示范项目(基于大数据的称重物联网系统服务新模式)、国家制造业“双创”平台试点示范项目(以龙头企业为启动的工业物联网产业孵化双创平台)、国家知识产权优势企业、“浙江制造”品字标认证企业、2019年浙江省电子信息产业百家重点企业、浙江省服务型制造示范企业、浙江省企业技术中心、浙江省企业研究院、浙江省博士后工作站、浙江省第一批创新型领军培育企业、浙江省第一批上云标杆企业、浙江省制造业与互联网融合发展示范企业、武汉大学物联网研究中心、宁波市制造业百强企业、宁波市院士工作站、宁波市技术创新团队、宁波市工业行业骨干培育企业、宁波市科技进步二等奖等诸多荣誉称号。

2017年5月,宁波工业物联网产业特色园正式落户柯力,引进包括传感器、模组、材料、智能装备、软件、应用、服务、集成等八大垂直产业链平台企业160多家,遵循以龙头企业+产业链+投融资平台+创新平台+服务平台,朝物联网社区小镇方向发展,体现高端引领、龙头带动、全链集成、多维融合、开放共享的特色产业园区。工业物联网特色产业园定位于集聚工业物联网行业高科技企业和人才,建立工业物联网行业高科技项目孵化和产业化服务体系,搭建物联网应用众创空间,为入驻园区企业提供更低成本运营环境、产学研相结合的共享平台。

雄关漫道真如铁,而今迈步从头越。当前,公司正围绕“新产品、新团队、新管理、新机制、新增长、新时代”的创新理念,切实落实上市公司规范,抓好风控体系建设和市值管理,深化投资机制和产业园平台建设,一手抓其他物理量传感器研发,一手抓工业物联网发展,向着建设国际一流的物联网公司的企业愿景勇迈进。



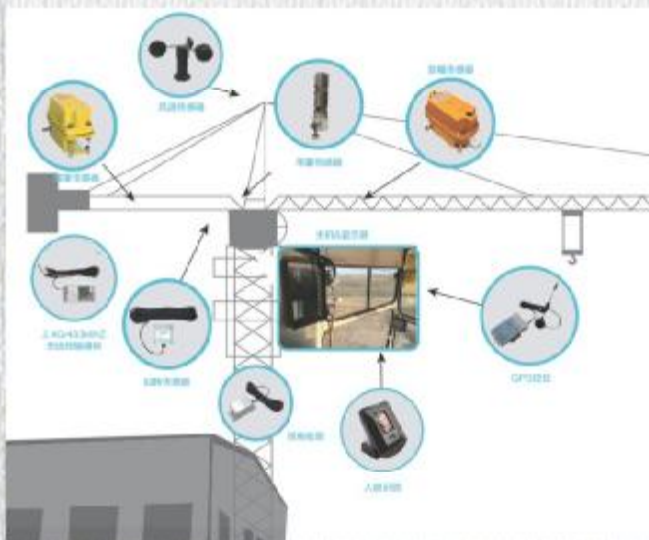
科技治超·非现场执法应用场景



干粉砂浆行业物联网应用场景



智能钢拉杆物联网应用场景



建机物联网应用场景



环保物联网应用场景

公司对各类专业应用领域的研发十分重视，主笔起草《高温称重传感器行业标准》，同时还积极参与起草《数字传感器行业标准》和《应变计国家标准》并制定《传感器国家标准》，为中国计量事业作出了应有贡献。



应力应变分析实验室

功用：通过对应变计应力分析、验证其技术指标符合性，为国内仅有几套应变应力分析设备。



全国高温传感器行业标准起草单位



500kN静压式力标准机



20MN叠加式力标准机



电波暗室实验室



业务数据窗

建设国际一流的物联网公司
Build a world-leading company in internet of Things



柯力传感 KELI SENSING

健康 / 科技 / 可靠 / 便利 可靠 Reliable

健康 / 科技 / 可靠 / 便利 便利 Convenience



柯力物联网大厦

公司从事研发技术人员约百余人，分别从机械、电子、软件开发等专业领域的开发与研究，形成了传感器开发、仪表开发等专业的开发团队，每年约开发I类15项、II类25项、III类100多项新产品，开发的产品涵盖了各类结构的传感器、各用途的仪表。取得了不锈钢称重传感器等多项实用新型、发明专利。同时开发了条形码系统、配料系统KLBSS-FEED、Scale2008等软件。按照公司的发展战略，公司的研发正在朝称重元件技术领域的更高方向发展。

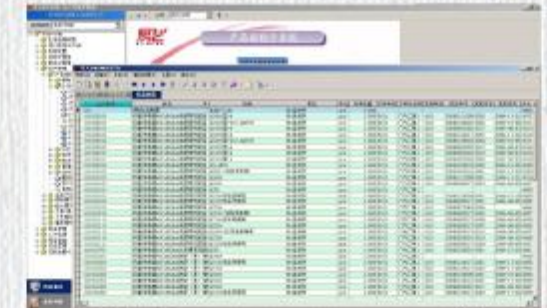


人工智能大厦（在建中）

公司产品销售网络遍布全国，其中钢制传感器长期以来占据了国内市场50%以上的销售份额。2000年，柯力在衡器行业率先设立800免费服务热线，2007年又开通了现场用户手机拨打的400全国服务热线。公司目前已在全国各省市设立了30个区域办事处，并在沈阳、石家庄、郑州、济南、常州、兰州、武汉、重庆、广州8城市设立国内售后服务点，已经建立了完整的市场、销售、服务体系。在国际市场的开拓中，已与100多个国家与地区的客商建立了广泛的贸易合作关系，“柯力品牌”全面走向了国际市场。



条形码管理系统



ERP管理系统



CRM软件



柯力文件用户端



柯力传感 KELI SENSING

国际 / 文化 / 多元

品柯力·质精良



公司严格依照国际法制计量组织OIML R60号标准组织生产，形成了钢制传感器、铝合金传感器、数字传感器、仪表系列、分析仪器几大产品体系，在企业内部，建立、实施和保持了ISO9001：2008质量管理体系，2008年初又分别通过了标准化良好行为A级证书和计量检测能力确认合格证书，使公司质量管理体系更加完善。



异性插件机 SMT贴片机 四轴联动龙门铣加工中心 自动温补系统

高素质的员工、精密的加工设备、严谨的工艺流程、严格的管理制度，这一切都是为了保证柯力一贯的高贵品质！



SOB自动贴片机 自动银连丝 自动上夹具流水线 自动上夹具流水线
QS贴片流水线 全自动测试自动化流水线 全自动机械手 激光焊接



柯总获得十大风云雨商



热烈庆祝柯力集团成立20周年



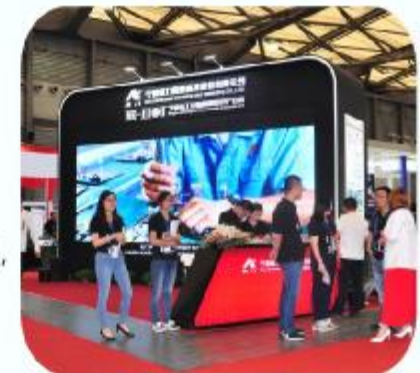
柯力企业博物馆成立



柯力城市展厅



06年公司成立了战略发展部、建立专业品牌策划队伍，全面开始品牌规划建设，在06年中国衡器展览会上拉开了柯力品牌塑造的序幕。
制造标准：严格依照国际法制计量组织（OIML）60号建议组织生产。
质量管理：严格推行与实施ISO9001质量管理体系；
产品特点：占据了国内市场40%的份额，在国际市场的开拓中，已与100多个国家与地区的客商建立了广泛的贸易合作关系，并在法兰克福及新加坡城成立柯力欧洲公司及柯力新加坡公司，“柯力品牌”全面走向了国际市场。
“五最”追求：性价比最优，满足客户需求最大化，规模最大，工艺最优，研发团队最具潜力，企业文化最具特色。



求实创新 服务员工 成就客户



柯力与武汉大学合作
成立武汉大学柯力物联网研究中心



柯力传感捐助200万元支援宁波
新型冠状病毒疫情的防控与救治



柯力云基本概念

品味传感器 柯力品位



柯力传感上海证券交易所主办上市



公司管理评审会



合作伙伴培训交流



公司丰富多彩的文体活动



首届柯力物联网国际发布会



柯力主办工业物联网高层论坛



工业物联网大数据平台



柯力传感 KELI SENSING

国际 / 文化 / 多元

品质与服务
Quality & Service

我们的品质保证 QUALITY Guarantee



我们的售后服务 Customer Service

我公司提供的产品均是具有自主知识产权，自主研发、自主生产的产品。为用户提供高效全面的服务，最大程度的保障用户的切身利益是我们坚持不变的服务原则。为了给用户提供最高品质的服务，我们视服务为最重要的产品，力求做到服务的专业化、多元化、层次化，为用户提供包括产品咨询、产品设计、项目实施、项目维护、专业培训等在内的长期、全面的技术服务与支持。并承诺提供最佳的技术支持及售后服务，保证产品运行于最佳状态。

All of our products have Independent Intellectual Property Rights, Independent research, Independent produce, Supplying high-efficiency and all-around service to our customer, guarantee customer's Benefit in whole hog are our perseverance service principle. In order to supply top-quality service to customer, we are trying our best to make our service more specialization, multi-element, multi-level, Supplying long term, all-around technic service and support which in the field of produce consultation, produce design, project implementation and maintenance, professional training, meanwhile, we promise to supply best technic support and sales service to guarantee our product in the best situation.

产品目录 INDEX

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双剪切 Double-ended shear beam	1	QS	001	柱式结构 Column type	41	ZSWG	026
	2	QSB	002		42	NDS	027
	3	EDS-D	003		43	SDS	027
	4	QSC	003		44	ZSGB	028
	5	QSEC	004		45	CLC	028
	6	QSEF	004		46	ZSKG	029
	7	QSF	005		47	ZSC	030
	8	QSG	006		48	ZSE	031
	9	QSK	007		49	ZSNC	031
	10	QSMC-H	007		50	ZSL	032
	11	QSN	008		51	ZSP	032
	12	QSNB	008		52	IL	033
	13	QSPG	009		53	ILB	033
	14	GG	009		54	ILE	034
	15	BTL	010		55	ILEB	034
	16	BTW	010		56	ILEC	035
	叠板梁 Shear beam	17	BTQGK		011	57	ILGB
18		SB	011	58	ILK	036	
19		SB模块(Module)	012	59	ILY/ILYB	036	
20		SBB	013	60	AMF	037	
21		SBBC	014	61	AMI	037-038	
22		SBBK	014	62	AMIB	038	
23		SBO	015	63	UDA	039	
24		SBT	015	64	UDB	039	
25		ICS	016	65	UDJ	040	
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温馨提示:
 样本内有关尺寸和参数仅供
 选型时参考, 产品优化改善后恕
 不再另行通知, 请广大用户订货
 前进一步与公司作沟通确认!

Indicate:
 Related drawings and parameter
 in catalogue is for reference, please
 contact us to confirm before order.

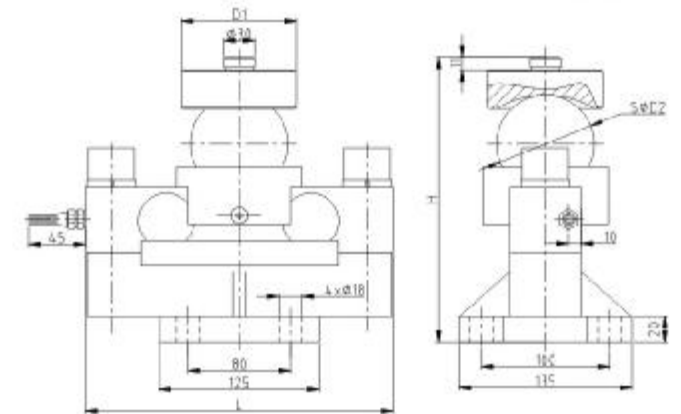
QS



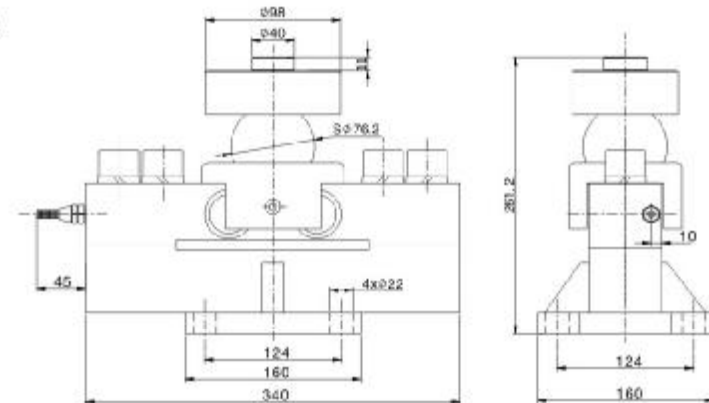
5-40t



额定载荷(t) Rated Load	5	10、15、20、 25、30	40
D1	68	85-88	88
D2	50.8	76.2	76.2
H	168.8	224.7	230.7
L	224	240	240



50t



汽车衡、轨道衡、配料秤及各种专用衡器
 Truck scale, railway scale, blending scale and special scale

TECHNICAL PARAMETER

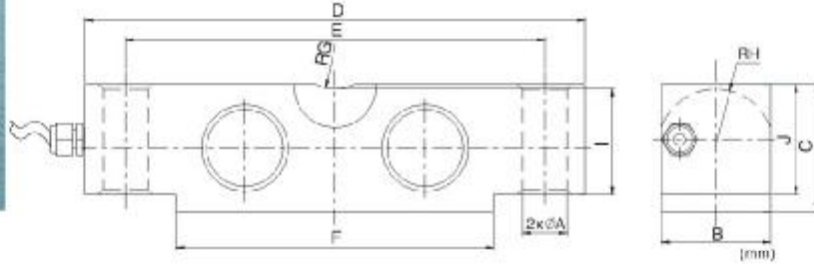
额定载荷Rated load	5t, 10t, 15t, 20t, 25t, 30t, 40t, 50t	额定温度 Nominal Temp Range	-10~+40℃
精度等级 Accuracy class	C2-C3	工作温度范围Service Temp Range	-30~+70℃
灵敏度Sensitivity	2.0 ± 0.002mV/V	安全负载Safe load limit	150%F.S
线性误差 Non-linearity	± 0.03%F.S	破坏负载Breaking load	250%F.S
滞后误差 Hysteresis error	± 0.03%F.S	额定激励电压Nominal of range excitation	10~12 V DC
蠕变 (30分钟) Creep(30min)	± 0.02%F.S	密封等级Protection Class	IP67
零点温度影响TC ZERO	± 0.02%F.S/10℃	材料Material	合金钢 Alloy Steel
灵敏度温度影响TC SPAN	± 0.02%F.S/10℃		不锈钢 Stainless Steel
输入阻抗Input resistance	750 ± 10Ω	电缆Cable	
输出阻抗Output resistance	702 ± 3Ω	Length:	5t 10t 15t 20t 25t 30t 40t 50t
绝缘电阻Insulation resistance	≥ 5000 MΩ		5.2m 4.8m 4/10m 4/10/12m 4/10/12m 12/16m 12/16m 4/12/16m

Keli Sensing Technology (Ningbo) Co., Ltd.

001

QSB Load cell

QSB



量程(klb)	A	B	C	D	E	F	G	H	I	J
10~25	17.3	42.9	49.3	196.9	165.1	125.1	19.1	22.9	41.4	43.2
40	21	49.3	62.0	260.4	215.9	182.4	25.4	28.5	50.8	53.3
50~75	27.0	62.0	74.7	260.4	215.9	182.4	25.4	34.3	64.5	67.3
100~125	41.0	73.6	98.0	267.4	223.8	228.4	38.1	45.7	83.8	87.1

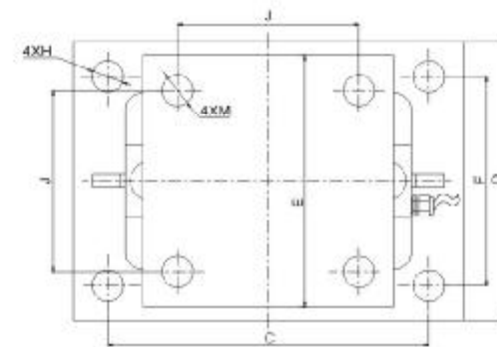
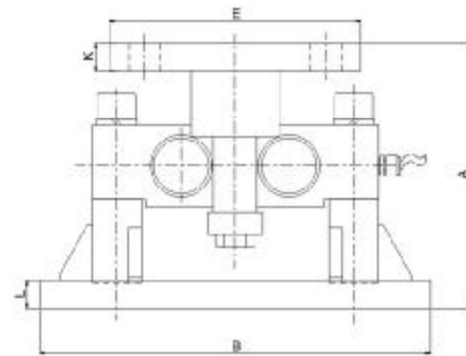


汽车衡、仓储秤等
Truck scale, warehouse scale

TECHNICAL PARAMETER

4Wires: Exc+(红,Red);Exc-(黑,Black);Sig+(绿,Green);Sig-(白,White)

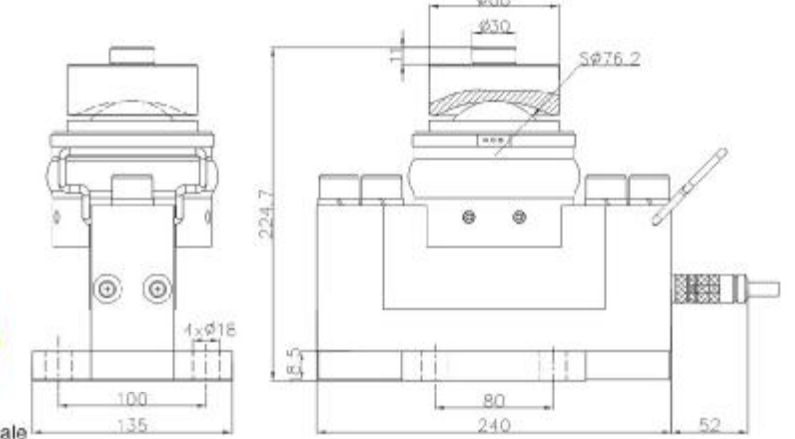
额定载荷 Rated load	10、20、25、40、50、60、75、100、125klb	绝缘电阻 Insulation resistance	≥5000 MΩ
精度等级 Accuracy class	0.05	额定温度 Nominal Temp Range	-10~+40℃
灵敏度 Sensitivity	3.0 ± 0.003mV/V	工作温度范围 Service Temp Range	-30~+70℃
线性误差 Non-linearity	±0.05%F.S	安全负载 Safe load limit	150%F.S
滞后误差 Hysteresis error	±0.05%F.S	破坏负载 Breaking load	200%F.S
蠕变 (30分钟) Creep(30min)	±0.03%F.S	额定激励电压 Nominal of range excitation	10~12 V DC
零点温度影响 TC ZERO	±0.02%F.S/10℃	密封等级 Protection Class	IP67
灵敏度温度影响 TC SPAN	±0.02%F.S/10℃	材料 Material	合金钢 Alloy Steel
输入阻抗 Input resistance	750 ± 10 Ω	电缆 Cable Length:	12m(10~40klb); 16m(50~125klb)
输出阻抗 Output resistance	702 ± 5 Ω		



量程(klb)	A	B	C	D	E	F	H	J	K	L	M
10~25	168	254	190.5	203	208	152	Φ20	152	19	18	Φ20
40	198	355.6	292.1	254	203	130.5	Φ28.5	152	19	22.7	Φ20
50~75	241.3	355.6	292.1	254	228.6	130.5	Φ28.5	165	25.4	22.8	Φ26.5

EDS-D Load cell

EDS-D



汽车衡、轨道衡、配料秤及各种专用衡器
Truck scale, railway scale, blending scale and special scale



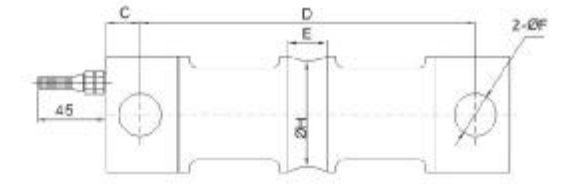
TECHNICAL PARAMETER

Wires: Exc+(蓝,Blue);Sig+(白,White);Exc-(黑,Black);Sig-(红,Red)

额定载荷 Rated load	10t、15t、20t、25t、30t、40t	通讯波特率 Communication baud rate	9600BPS/19200 BPS
额定输出 Rated output	10t、15t、20t、25t、30t、40t	绝缘电阻 Insulation resistance	≥5000 MΩ
精度等级 Accuracy class	C3	额定温度 Nominal Temp Range	-10~+40℃
线性误差 Non-linearity	±0.02%F.S	工作温度范围 Service Temp Range	-30~+70℃
滞后误差 Hysteresis error	±0.02%F.S	安全负载 Safe load limit	150%F.S
重复性 Repeatability	±0.01%F.S	破坏负载 Breaking load	300%F.S
蠕变 (30分钟) Creep(30min)	±0.015%F.S	额定激励电压 Nominal of range excitation	9~12 V DC
零点温度影响 TC ZERO	±0.015%F.S/10℃	密封等级 Protection Class	IP69K
灵敏度温度影响 TC SPAN	±0.015%F.S/10℃	材料 Material	合金钢 Alloy Steel;
数据刷新频率 Digital refurbishing frequency	10HZ	通讯方式	RS 485

QSC Load cell

QSC



额定载荷(klb)	A	B	C	D	E	F	G	H	I	J
5-10	8.12	5.24	0.62	6.38	0.62	0.66	1.70	1.43	1.12	0.5
20-25	8.12	5.24	0.62	6.38	0.84	0.66	1.95	1.43	1.12	0.5
30-75	10.25	6.48	0.88	8.50	1.00	1.06	3.00	2.73	2.37	1.0
100	10.25	7.48	0.88	9.50	1.00	1.06	3.5	2.60	2.50	1.0

汽车衡、仓储秤等
Truck scale, warehouse scale

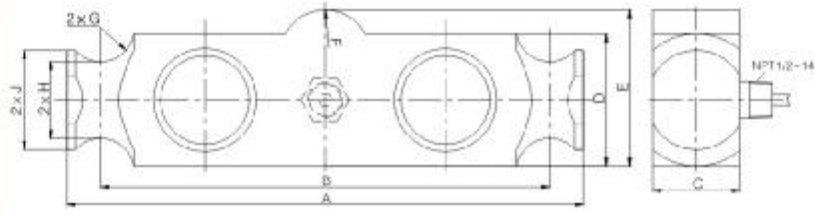
TECHNICAL PARAMETER

4Wires: Exc+(红,Red);Exc-(黑,Black);Sig+(绿,Green);Sig-(白,White)

额定载荷 Rated capacities(Emax)	5,10,20,25,30,50,60,75,100klb, 20t	温度补偿范围 Temperature range, compensated	-10℃~+40℃
灵敏度 Sensitivity	3.0 ± 0.003mV/V; 2.0 ± 0.002mV/V(20t)	工作温度范围 Temperature range, operating	-30~+70℃
综合误差 Total error	±0.03%F.S; ±0.05%F.S	安全过载 Maximum safe overload	150%F.S
蠕变(30分钟) Creep error (30min)	±0.02%F.S	极限过载 Ultimate overload	250%F.S
零点平衡 Zero balance	±1%F.S	推荐激励电压 Excitation, recommend	10~12V DC
零点温度影响 TCO	±0.02%F.S/10℃	最大激励电压 Excitation, maximum	15V DC
输出温度影响 TC SPAN	±0.02%F.S/10℃	防封等级 Protection class	IP68
输入阻抗 Input impedance	750 ± 10 Ω	材质 Construction	合金钢 Alloy Steel 不锈钢 Stainless Steel
输出阻抗 Output impedance	702 ± 3 Ω; 703 ± 5 Ω (L ≥ 15m)	电缆 Cable Length=L: 8m(5,10klb), 12m(20~75klb, 20t), 16m(100klb)	
绝缘电阻 Insulation impedance	≥5000 MΩ	直径 Diameter: φ 5mm(5~10klb), φ 6mm(20~100klb)	

QSEC Load cell

QSEC



额定(klb)	A	B	C	D	E	F	G	H	J
25-40	209.6	184	49.3	62	75.5	H12.7	H12.7	Φ41.4	Φ50.8
50-75	292.1	254	49.3	74.7	88.15	H25.4	H19.05	Φ43.2	Φ55.9
100-125	368.3	317.5	73.7	98	118.9	R38.1	R25.4	Φ62	Φ81.3



汽车衡、仓储秤等
Truck scale, warehouse scale

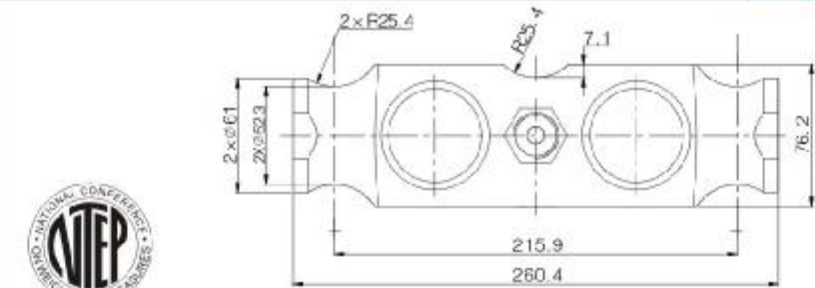
TECHNICAL PARAMETER

4Wires:Exc+(红,Red);Exc-(黑,Black);Sig+(绿,Green);Sig-(白,White)

额定载荷Rated load	25、40、50、60、75、100、125klb	输出阻抗Output resistance	702 ± 5 Ω
精度等级 Accuracy class	0.05	绝缘电阻Insulation resistance	≥ 5000 M Ω
灵敏度Sensitivity	3.0 ± 0.003mV/V	额定温度 Nominal Temp Range	-10~+40℃
线性误差 Non-linearity	± 0.05%F.S	工作温度范围Service Temp Range	-30~+70℃
滞后误差 Hysteresis error	± 0.05%F.S	安全负载Safe load limit	150%F.S
蠕变 (30分钟) Creep(30min)	± 0.03%F.S	破坏负载Breaking load	200%F.S
零点温度影响TC ZERO	± 0.02%F.S/10℃	额定激励电压Nominal of range excitation	10~12 V DC
灵敏度温度影响TC SPAN	± 0.02%F.S/10℃	密封等级Protection Class	IP67
输入阻抗Input resistance	750 ± 10 Ω	材料Material	合金钢 Alloy Steel
		电缆CableLength:	15.5m

QSEF Load cell

QSEF



汽车衡、仓储秤等
Truck scale, warehouse scale

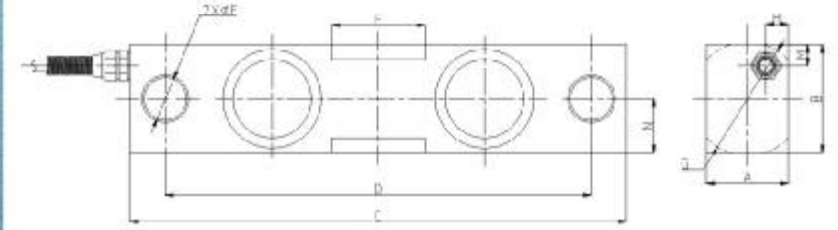
TECHNICAL PARAMETER

4Wires:Exc+(红,Red);Exc-(黑,Black);Sig+(绿,Green);Sig-(白,White)

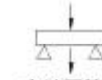
额定载荷Rated load	50、60、65、75、100klb	绝缘电阻Insulation resistance	≥ 5000 M Ω
精度等级 Accuracy class	0.05	额定温度 Nominal Temp Range	-10~+40℃
灵敏度Sensitivity	3.0 ± 0.003mV/V	工作温度范围Service Temp Range	-30~+70℃
线性误差 Non-linearity	± 0.05%F.S	安全负载Safe load limit	150%F.S
滞后误差 Hysteresis error	± 0.05%F.S	破坏负载Breaking load	200%F.S
蠕变 (30分钟) Creep(30min)	± 0.03%F.S	额定激励电压Nominal of range excitation	10~12 V DC
零点温度影响TC ZERO	± 0.02%F.S/10℃	密封等级Protection Class	IP68
灵敏度温度影响TC SPAN	± 0.02%F.S/10℃	材料Material	合金钢 Alloy Steel
输入阻抗Input resistance	750 ± 10 Ω	电缆CableLength:	15.5m
输出阻抗Output resistance	702 ± 5 Ω		

QSF Load cell

QSF



额定载荷(klb)	A	B	C	D	E	F	G	H	M	N
2~5	31	190.5	159.1	127.7	30.5	31.5	8	6.5	14.2	
10~35	36.6	48.5	227	190.5	19	4.2	195	10	9.5	B/2
50~75	62	74.7	342.9	292.1	33.5	82.6	75.9	16	15	B/2



仓储秤等
warehouse scale

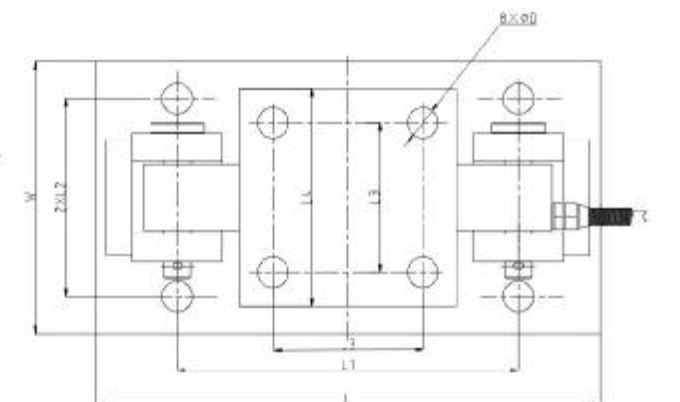
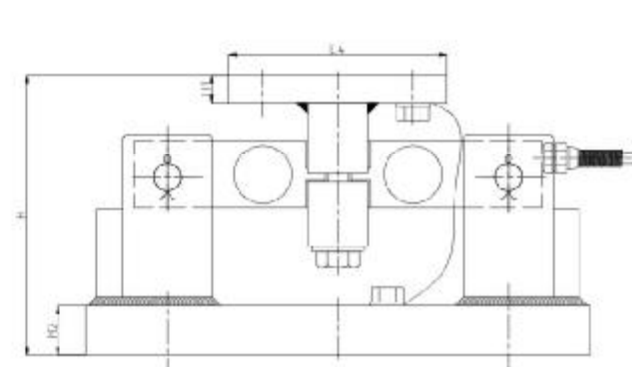
TECHNICAL PARAMETER

4Wires:Exc+(红,Red);Exc-(黑,Black);Sig+(绿,Green);Sig-(白,White)

额定载荷Rated load	2、3、5、10、15、20、25、35、50、75klb	绝缘电阻Insulation resistance	≥ 5000 M Ω
精度等级 Accuracy class	0.05	额定温度 Nominal Temp Range	-10~+40℃
灵敏度Sensitivity	3.0 ± 0.003mV/V	工作温度范围Service Temp Range	-30~+70℃
线性误差 Non-linearity	± 0.05%F.S	安全负载Safe load limit	150%F.S
滞后误差 Hysteresis error	± 0.05%F.S	破坏负载Breaking load	200%F.S
蠕变 (30分钟) Creep(30min)	± 0.02%F.S	额定激励电压Nominal of range excitation	10~12 V DC
零点温度影响TC ZERO	± 0.02%F.S/10℃	密封等级Protection Class	IP67
灵敏度温度影响TC SPAN	± 0.02%F.S/10℃	材料Material	合金钢 Alloy Steel, 不锈钢Stainless steel
输入阻抗Input resistance	750 ± 10 Ω	电缆Cable	Length: 6m(2-5klb), 10m(10-35klb), 16m(50-75klb)
输出阻抗Output resistance	702 ± 5 Ω		Diameter: Φ 5(2-5klb), Φ 6(10-75klb)

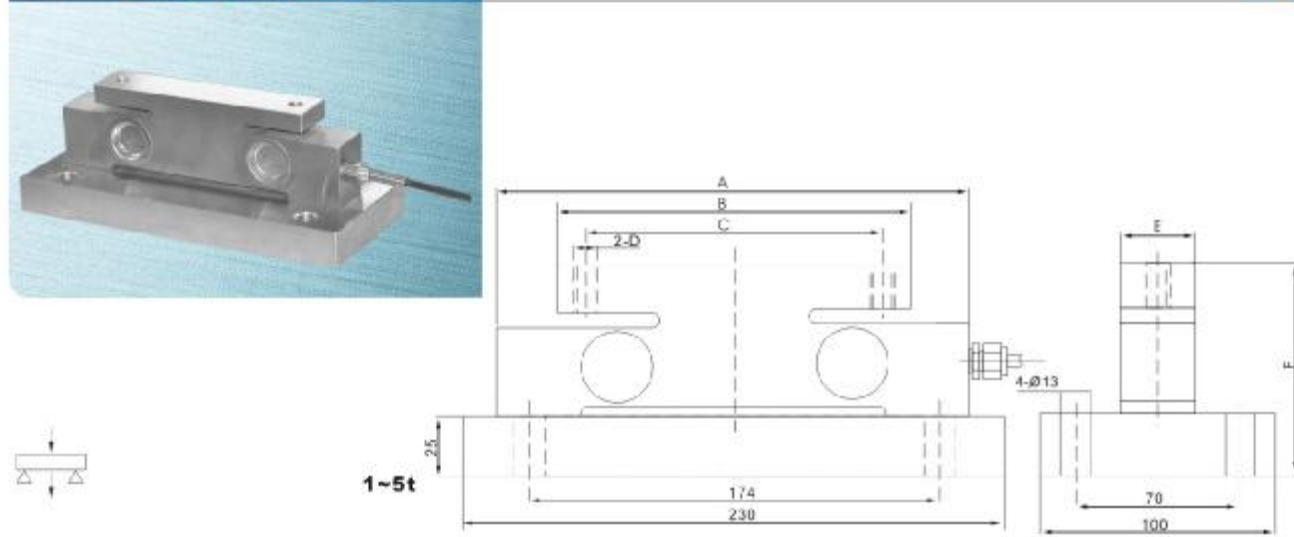


量程	H	H1	H2	L	L1	L2	L3	L4	D	W
2-5klb	130.3	12.7	23	237.3	158.8	85.3	89.9	101.6	14.2	127
10-35klb	200.7	19.1	19.1	304.8	190.5	152.4	152.4	203.2	19.8	203.2
50-75klb	236.2	25	25	412.8	292.1	241.3	165.1	228.6	20	304.8



QSG Load cell

QSG



额定载荷(t) Rated Load	A	B	C	D	E	F
1-2	200	150	126	M10	32	83
3-5	220	140	110	M16	45	114



10~40t

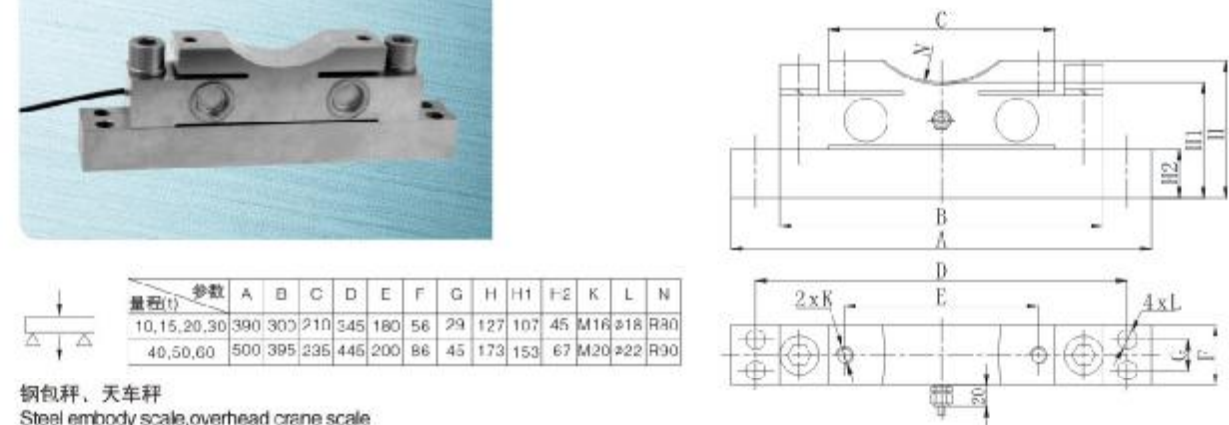
钢包秤、罐装秤及各种起重机械
Steel embody scale, silo scale, every kinds of crane mechanism

TECHNICAL PARAMETER | 4Wires:Exc+(红,Red);Exc-(黑,Black);Sig+(绿,Green);Sig-(白,White)

额定载荷Rated load	1, 2, 3, 5, 10, 15, 20, 25, 30, 40t	绝缘电阻Insulation resistance	≥5000 MΩ
精度等级 Accuracy class	0.2	额定温度 Nominal Temp Range	-10~+40℃
灵敏度Sensitivity	2.0 ± 0.01mV/V	工作温度范围Service Temp Range	-30~+70℃
线性误差 Non-linearity	± 0.2%F.S	安全负载Safe load limit	150%F.S
滞后误差 Hysteresis error	± 0.2%F.S	破坏负载Breaking load	200%F.S
蠕变 (30分钟) Creep(30min)	± 0.03%F.S	额定激励电压Nominal of range excitation	10~12 V DC
零点温度影响TC ZERO	± 0.03%F.S/10℃	密封等级Protection Class	IP67
灵敏度温度影响TC SPAN	± 0.02%F.S/10℃	材料Material	合金钢 Alloy Steel
输入阻抗Input resistance	750 ± 10Ω	电缆CableLength:	8m(11~15t), 10m(20t)
输出阻抗Output resistance	702 ± 3Ω		12m(25t), 14(30t~40t)

QSK Load cell

QSK



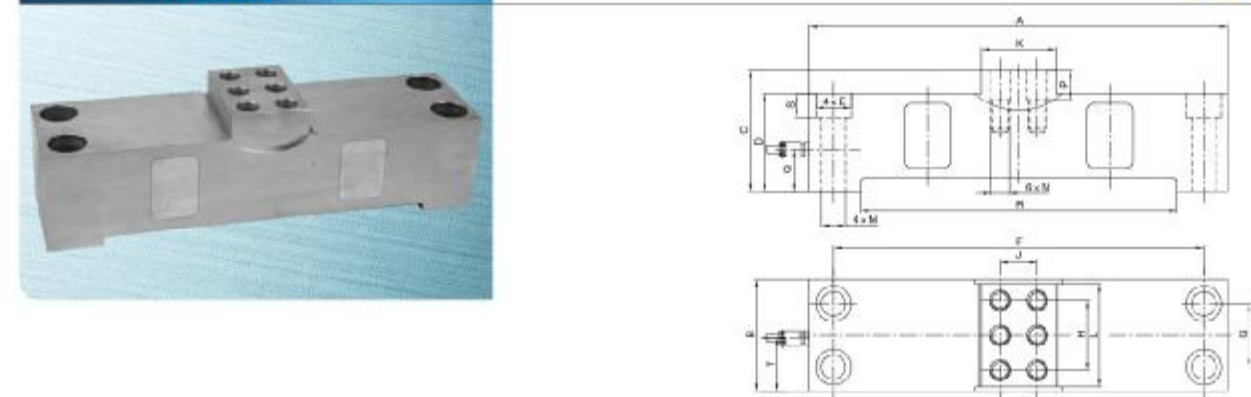
钢包秤、天车秤
Steel embody scale, overhead crane scale

TECHNICAL PARAMETER | 4Wires:Exc+(红,Red);Exc-(黑,Black);Sig+(绿,Green);Sig-(白,White)

额定载荷Rated load	10, 15, 20, 30, 40, 50, 60t	绝缘电阻Insulation resistance	≥5000 MΩ
精度等级 Accuracy class	0.05, 0.1	额定温度 Nominal Temp Range	-10~+40℃
灵敏度Sensitivity	10~30t: 2.0 ± 0.005mV/V 40~60t: 1.5 ± 0.005mV/V	工作温度范围Service Temp Range	-30~+70℃
线性误差 Non-linearity	0.05%F.S, 0.1%F.S	安全负载Safe load limit	150%F.S
滞后误差 Hysteresis error	0.03%F.S	破坏负载Breaking load	200%F.S
蠕变 (30分钟) Creep(30min)	± 0.02%F.S	额定激励电压Nominal of range excitation	10~12 V DC
零点温度影响TC ZERO	± 0.02%F.S/10℃	密封等级Protection Class	IP67
灵敏度温度影响TC SPAN	± 0.02%F.S/10℃	材料Material	合金钢 Alloy Steel
输入阻抗Input resistance	750 ± 10Ω	电缆CableLength:	8m (10t), 10m (15t)
输出阻抗Output resistance	702 ± 5Ω		12m (20t), 16m (30~6t) Diameter: Φ6mm

QSMC-H Load cell

QSMC-H



钢包秤
Steel embody scale

量程(t)	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S	T
50	450	120	130	105	+38	298	88	75	40	80	110	+26	M20:30	32	45	340	25.5	57
100	500	140	143	118	+44	444	90	90	44	90	130	+30	M24:36	36	54	370	28.5	62
150	560	160	158	133	+48	500	94	102	44	90	150	+33	M24:36	36	66	410	32	69
200	620	180	175	150	+48	560	114	110	44	90	180	+33	M24:40	40	75	450	32	76

TECHNICAL PARAMETER | 4Wires:Exc+(红,Red);Exc-(黑,Black);Sig+(绿,Green);Sig-(白,White)

额定载荷Rated load	50, 100, 150, 200t	输入阻抗Input resistance	800 ± 80Ω
精度等级 Accuracy class	0.2	输出阻抗Output resistance	702 ± 5Ω
灵敏度Sensitivity	2.0 ± 0.005mV/V	绝缘电阻Insulation resistance	≥5000 MΩ
线性误差 Non-linearity	± 0.2%F.S	工作温度范围Service Temp Range	-10~+200℃
滞后误差 Hysteresis error	± 0.3%F.S	安全负载Safe load limit	150%F.S
蠕变 (30分钟) Creep(30min)	± 0.03%F.S	破坏负载Breaking load	200%F.S
零点温度影响TC ZERO	± 0.05%F.S/10℃	额定激励电压Nominal of range excitation	10~12 V DC
灵敏度温度影响TC SPAN	± 0.05%F.S/10℃	密封等级Protection Class	IP66

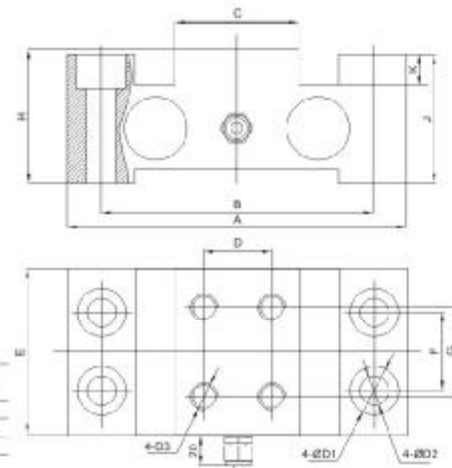
QSN Load cell

QSN



钢包秤、天车秤
Steel embody scale, overhead crane scale

额定载荷(t) Rated Load	A	B	C	D	E	F	G	H	J	K	C1	D2	D3
10	200	170	85	60	80	50	50	60	50	7	26	18	M16
20,30	300	240	110	60	120	70	70	120	115	28	43	26	M24
40,50	300	240	110	60	160	70	80	120	115	30.5	43	26	M24



TECHNICAL PARAMETER

4Wires:Exc+(红,Red);Exc-(黑,Black);Sig+(绿,Green);Sig-(白,White)

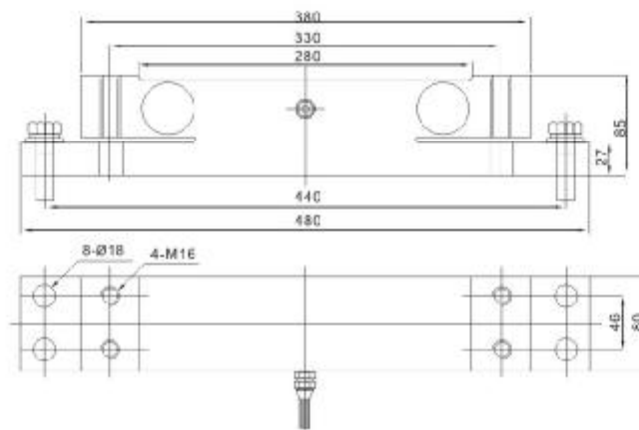
额定载荷 Rated capacities(Emax)	10,20,30,40,50t	温度补偿范围 Temperature range, compensated	-10℃~+40℃
灵敏度 Sensitivity	1.0 ± 0.005mV/V (10t); 2.0 ± 0.005mV/V (20t); 1.2 ± 0.005mV/V (30t); 1.8 ± 0.005mV/V (40-50t)	工作温度范围 Temperature range, operating	-30~+70℃
综合误差 Total error	±0.2%F.S	安全过载 Maximum safe overload	150%F.S
蠕变(30分钟)Creep error (30min)	±0.03%F.S	极限过载 Ultimate overload	300%F.S
零点平衡 Zero balance	±1%F.S	推荐激励电压 Excitation, recommend	10~12V DC
零点温度影响 TCO	±0.02%F.S/10℃	最大激励电压 Excitation, maximum	15V DC
输出温度影响 TC SPAN	±0.02%F.S/10℃	防封等级 Protection class	IP67
输入阻抗 Input impedance	750 ± 10 Ω	材质 Construction	合金钢 Alloy Steel
输出阻抗 Output impedance	702 ± 3 Ω, 703 ± 5 Ω (L ≥ 15m)	电缆 Cable	Length=L: 12m(10t), 14m(20~30t), 16m(40,50t)
绝缘电阻 Insulation impedance	≥ 5000M Ω	直径 Diameter	φ 6mm

QSNB Load cell

QSNB



竖井计量
Shaft measurement



TECHNICAL PARAMETER

4Wires:Exc+(红,Red);Exc-(黑,Black);Sig+(绿,Green);Sig-(白,White)

额定载荷 Rated capacities(Emax)	10, 15, 20, 25, 30t	温度补偿范围 Temperature range, compensated	-10℃~+40℃
灵敏度 Sensitivity	2.0 ± 0.005mV/V	工作温度范围 Temperature range, operating	-30~+70℃
综合误差 Total error	±0.1%F.S	安全过载 Maximum safe overload	120%F.S
蠕变(30分钟)Creep error (30min)	±0.05%F.S	极限过载 Ultimate overload	150%F.S
零点平衡 Zero balance	±1%F.S	推荐激励电压 Excitation, recommend	10~12V DC
零点温度影响 TCO	±0.02%F.S/10℃	最大激励电压 Excitation, maximum	15V DC
输出温度影响 TC SPAN	±0.02%F.S/10℃	防封等级 Protection class	IP67
输入阻抗 Input impedance	750 ± 10 Ω	材质 Construction	合金钢 Alloy Steel
输出阻抗 Output impedance	702 ± 3 Ω	电缆 Cable	Length: 5m
绝缘电阻 Insulation impedance	≥ 5000M Ω	直径 Diameter	φ 6mm

QSPG Load cell

QSPG

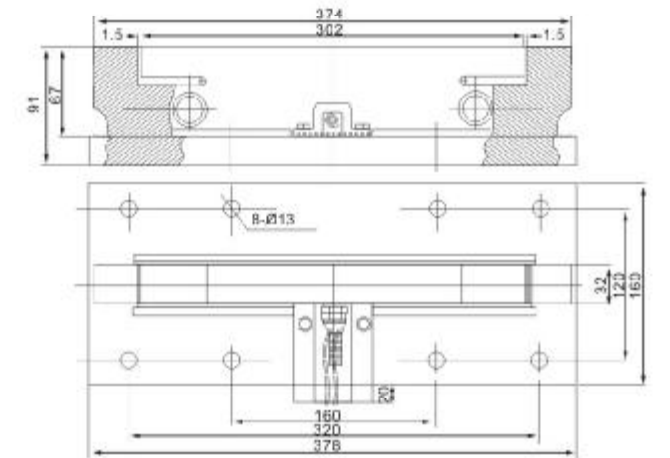


轨道衡
railway scale

TECHNICAL PARAMETER

4Wires:Exc+(红,Red);Exc-(黑,Black);Sig+(绿,Green);Sig-(白,White)

额定载荷 Rated capacities(Emax)	5t	温度补偿范围 Temperature range, compensated	-10℃~+40℃
灵敏度 Sensitivity	2.5 ± 0.005mV/V	工作温度范围 Temperature range, operating	-30~+70℃
综合误差 Total error	±0.1%F.S	安全过载 Maximum safe overload	120%F.S
蠕变(30分钟)Creep error (30min)	±0.03%F.S	极限过载 Ultimate overload	150%F.S
零点平衡 Zero balance	±1%F.S	推荐激励电压 Excitation, recommend	10~12V DC
零点温度影响 TCO	±0.03%F.S/10℃	最大激励电压 Excitation, maximum	15V DC
输出温度影响 TC SPAN	±0.03%F.S/10℃	防封等级 Protection class	IP67
输入阻抗 Input impedance	750 ± 10 Ω	材质 Construction	合金钢 Alloy Steel
输出阻抗 Output impedance	702 ± 3 Ω	电缆 Cable	Length: 3.1m
绝缘电阻 Insulation impedance	≥ 5000M Ω	直径 Diameter	φ 6mm



GG Load cell

GG



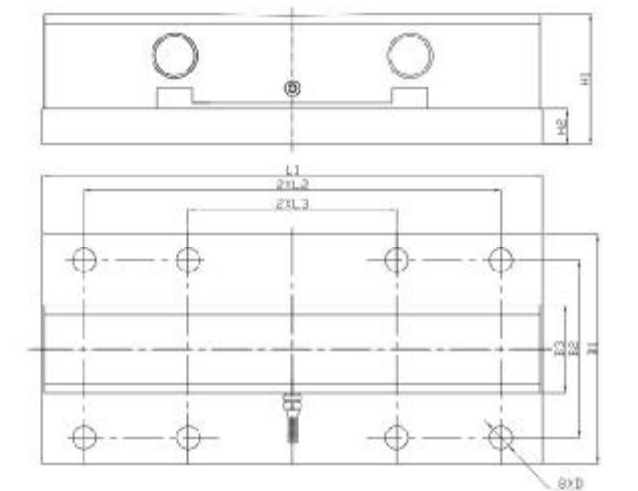
额定型号	量程(t)	L1	L2	L3	B1	B2	B3	H1	H2	D
11kgm	2	352	320	160	160	120	32	80.5	22	4.13
15kgm	5~10	382	286	163	136	90	37	91	25	4.17
18kgm	5~10	392	256	163	136	90	42	90	25	4.17
24kgm	10~20	352	256	165	140	150	51	107	31	4.22
28kgm	5~50	470	305	185	220	170	68	134	34	4.22
43kgm	10~50	492	305	185	220	170	73	140	34	4.22
50kgm	20~50	502	425	202	220	180	72	152	48	4.28
Qu150	40~90t	452	350	202	260	200	108	150	48	4.28
Qu200	50~100t	452	350	202	280	220	128	170	48	4.28

轨道衡、天车秤
Railway scale, overhead crane scale

TECHNICAL PARAMETER

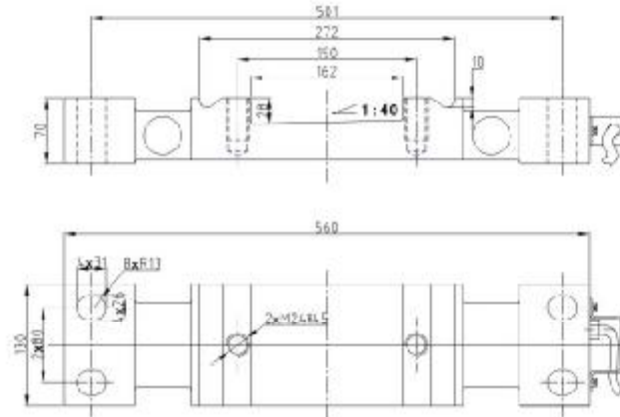
4Wires:Exc+(红,Red);Exc-(黑,Black);Sig+(绿,Green);Sig-(白,White)

额定载荷 Rated load	2t~60t	输出阻抗 Output resistance	702 ± 5 Ω
精度等级 Accuracy class	0.2	绝缘电阻 Insulation resistance	≥ 5000 M Ω
灵敏度 Sensitivity	1.0 ± 0.005mV/V: 2~10t 1.5 ± 0.005mV/V: 15~60t	额定温度 Nominal Temp Range	-10~+40℃
线性误差 Non-linearity	± 0.2%F.S	工作温度范围 Service Temp Range	-30~+70℃
滞后误差 Hysteresis error	± 0.2%F.S	安全负载 Safe load limit	150%F.S
蠕变(30分钟) Creep(30min)	± 0.05%F.S	破坏负载 Breaking load	200%F.S
零点温度影响 TC ZERO	± 0.05%F.S/10℃	额定激励电压 Nominal of range excitation	10~12 V DC
灵敏度温度影响 TC SPAN	± 0.05%F.S/10℃	密封等级 Protection Class	IP67
输入阻抗 Input resistance	750 ± 20 Ω	材料 Material	合金钢 Alloy Steel
		电缆 Cable	Length: 16m





BTL



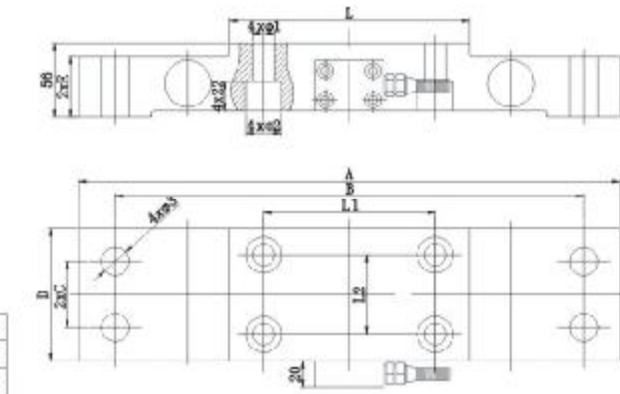
轨道衡
Railway scale

TECHNICAL PARAMETER

额定载荷 Rated load	10、15、20、25、30t	绝缘电阻 Insulation resistance	≥ 5000 MΩ
精度等级 Accuracy class	0.3	额定温度 Nominal Temp Range	-10~+40℃
灵敏度 Sensitivity	1.8 ± 0.005mV/V	工作温度范围 Service Temp Range	-30~+70℃
线性误差 Non-linearity	± 0.3%F.S	安全负载 Safe load limit	150%F.S
滞后误差 Hysteresis error	± 0.3%F.S	破坏负载 Breaking load	200%F.S
蠕变 (30分钟) Creep(30min)	± 0.05%F.S	额定激励电压 Nominal of range excitation	10~12 V DC
零点温度影响 TC ZERO	± 0.02%F.S/10℃	密封等级 Protection Class	IP67
灵敏度温度影响 TC SPAN	± 0.02%F.S/10℃	材料 Material	合金钢 Alloy Steel
输入阻抗 Input resistance	750 ± 10Ω	电缆 Cable	Length: 16m
输出阻抗 Output resistance	702 ± 3Ω		



BTW



产品型号	A	B	C	D	E	L	L1	L2	φ1	φ2	φ3
BTW-AX1.5t	350	310	38	75	46	151	100	40	17.5	28	18
BTW-AX2.5t	410	355	50	100	44.5	181	130	60	17.5	28	22
BTW-AX4-10t	410	355	50	100	46	211	160	60	17	27	21.5

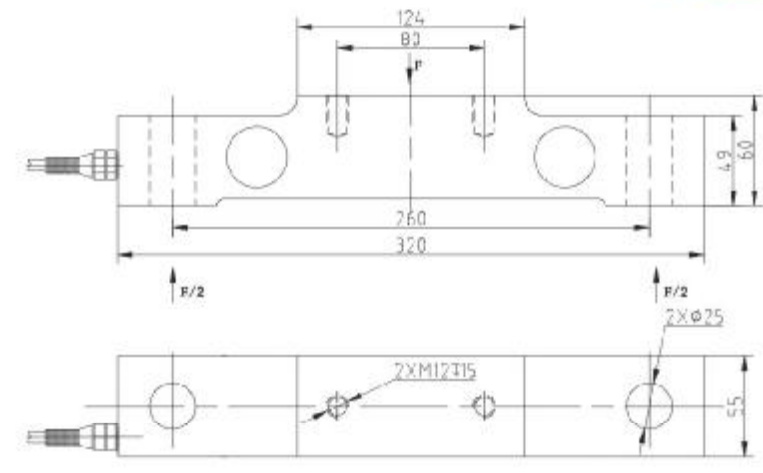
起重重量限制器
Lifting Weight Limiter

TECHNICAL PARAMETER

额定载荷 Rated capacities (Emax)	1.5, 2.5, 4, 5, 7.5, 10t	温度补偿范围 Temperature range, compensated	-10℃~+40℃
灵敏度 Sensitivity	1.2 ± 0.002mV/V	工作温度范围 Temperature range, operating	-30~+70℃
综合误差 Total error	± 0.2%F.S	安全过载 Maximum safe overload	150%F.S
蠕变 (30分钟) Creep error (30min)	± 0.05%F.S	极限过载 Ultimate overload	200%F.S 250
零点平衡 Zero balance	± 1%F.S	推荐激励电压 Excitation, recommend	10~12V DC
零点温度影响 TCO	± 0.03%F.S/10℃	最大激励电压 Excitation, maximum	15V DC
输出温度影响 TC SPAN	± 0.1%F.S/10℃	防封等级 Protection class	IP67
输入阻抗 Input impedance	750 ± 10Ω	材质 Construction	合金钢 Alloy Steel
输出阻抗 Output impedance	702 ± 3Ω	电缆 Cable	Length: 2m
绝缘电阻 Insulation impedance	≥ 5000MΩ		Diameter: φ 6mm



BTQ GK

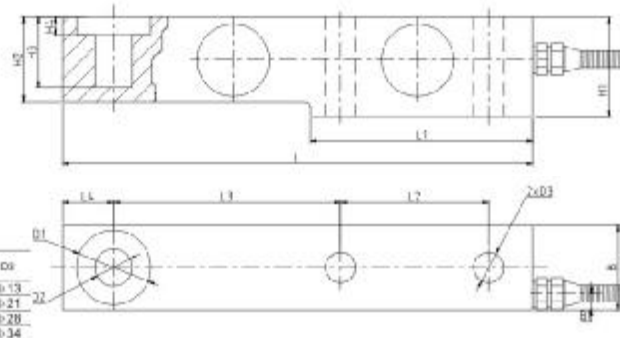


TECHNICAL PARAMETER

额定载荷 Rated load	15t	绝缘电阻 Insulation resistance	≥ 5000 MΩ
精度等级 Accuracy class	0.5	额定温度 Nominal Temp Range	-10~+40℃
灵敏度 Sensitivity	1.0 ± 0.01mV/V	工作温度范围 Service Temp Range	-30~+70℃
线性误差 Non-linearity	± 0.5%F.S	安全负载 Safe load limit	150%F.S
滞后误差 Hysteresis error	± 0.5%F.S	破坏负载 Breaking load	200%F.S
蠕变 (30分钟) Creep(30min)	± 0.1%F.S	额定激励电压 Nominal of range excitation	10V~12V DC
零点温度影响 TC ZERO	± 0.05%F.S/10℃	密封等级 Protection Class	IP67
灵敏度温度影响 TC SPAN	± 0.2%F.S/10℃	材料 Material	合金钢 Alloy Steel
输入阻抗 Input resistance	750 ± 50Ω	电缆 Cable	Length: 16.5m
输出阻抗 Output resistance	702 ± 5Ω		Diameter: φ 6mm



SB

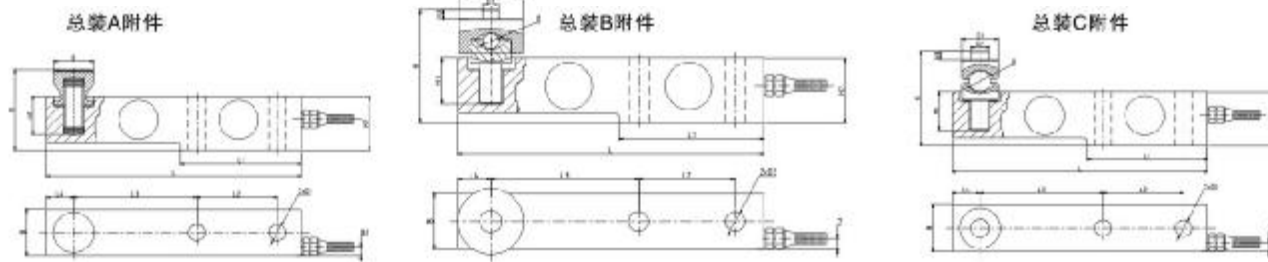


额定载荷 (t) Rated Load	L	L1	L3	L4	H1	H2B	R1	H3	H4	D1	D2	D3
0.3, 0.5, 1, 2, 3	203	95	64	66	22	43	36.6	7	30.5	8	±0.2	±0.13
5, 7.5, 8	235	110	66	124	22	52	46	7	30	12	±0.36	±0.21
10	278	133	82	140	32	67	60	8.5	20	8.5	±0.48	±0.28
15, 20, 25	318	153	89	150	38	82.5	70	9.5	24	9.5	±0.54	±0.34

汽车衡、平台秤、配料秤及各种专用衡器
Truck scale, platform scale, blendingscale, every kinds of scale

TECHNICAL PARAMETER

额定载荷 Rated load	0.3, 0.5, 1, 2, 3, 5, 7.5, 8, 10, 15, 20, 25 t	额定温度 Nominal Temp Range	-10~+40℃
精度等级 Accuracy class	C3	工作温度范围 Service Temp Range	-30~+70℃
灵敏度 Sensitivity	2.0 ± 0.002mV/V	安全负载 Safe load limit	150%F.S
蠕变 (30分钟) Creep(30min)	± 0.03%F.S	破坏负载 Breaking load	200%F.S
零点平衡 Zero balance	± 1%F.S	额定激励电压 Nominal of range excitation	10~12V DC
零点温度影响 TC ZERO	± 0.02%F.S/10℃	密封等级 Protection Class	IP67(11-25t)
输出温度影响 TC SPAN	± 0.02%F.S/10℃	材料 Material	合金钢 Alloy Steel
输入阻抗 Input resistance	400 ± 20Ω		不锈钢 Stainless Steel
输出阻抗 Output resistance	352 ± 3Ω	电缆 Cable Length:	2.6m (0.3-2t), 3.5m (3t), 5.2m (5-8t), 7m (10t), 12m (15-25t)
绝缘电阻 Insulation resistance	≥ 5000 MΩ		



总装A附件

额定载荷(t)	尺寸(mm)												
	L	L1	L2	L3	L4	B	H	H1	H2	B1	D	D1	
0.3, 0.5, 1, 2, 3	203	95	64	98	22	36.6	58	30.5	4.3	7	∅35	∅13	
5, 7.5, 8	235	110	66	124	22	4.8	81	30	5.2	7	∅42	∅21	
10	279	133	82	140	32	6.0	178	20	6.7	8.5	∅57	∅28	
15, 20, 25	318	153	89	159	38	7.0	144	24	8.25	5.5	∅70	∅34	

总装B附件

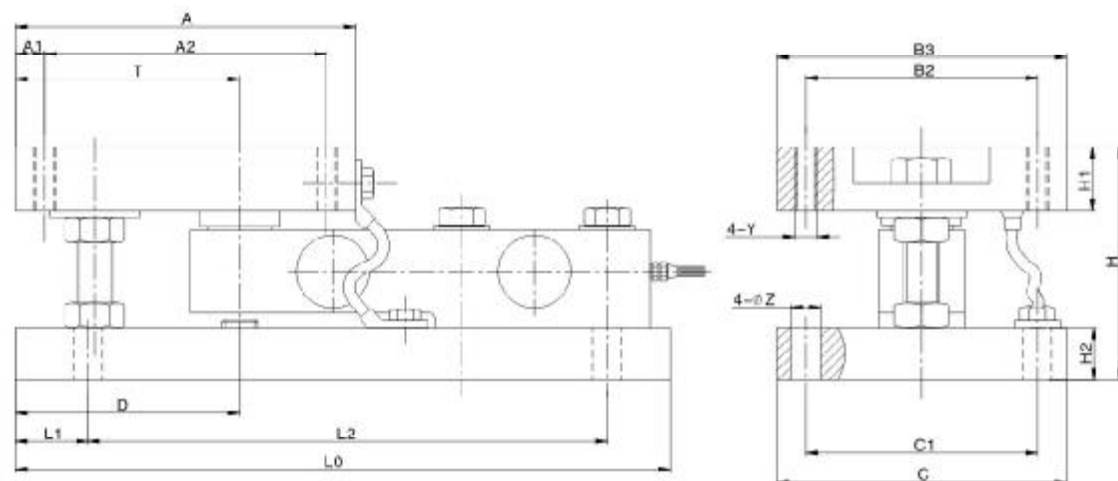
额定载荷(t)	尺寸(mm)													
	L	L1	L2	L3	L4	B	H	H1	H2	H3	D	D1	D2	D3
0.3, 0.5, 1, 2, 3	203	95	64	98	22	36.6	79	30.5	4.3	9	∅16	∅44	∅15	∅13
5, 7.5, 8	235	110	66	124	22	4.8	104.4	30	5.2	10	∅75.4	∅52	∅21	∅21

总装C附件

额定载荷(t)	尺寸(mm)													
	L	L1	L2	L3	L4	B	H	H1	H2	H3	D	D1	D2	D3
0.3, 0.5, 1, 2, 3	203	95	64	98	22	36.6	53.5	30.5	4.3	8.5	∅16	∅29	∅15.5	∅13
5, 7.5, 8	235	110	66	124	22	4.8	105.4	30	5.2	10	∅25.4	∅37	∅21.5	∅21

SB Weighing module

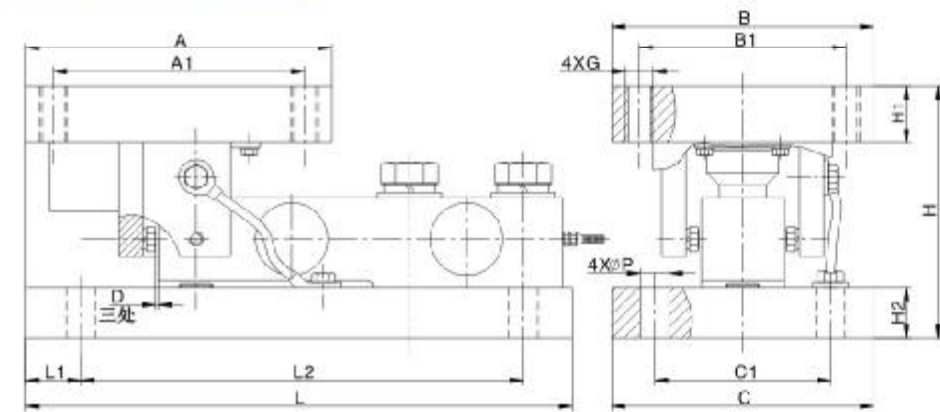
SB 静载模块



额定载荷(t) Rated Load	模块主要外形及安装尺寸															
	A	A1	B	B1	L0	L1	L2	C	C1	H	H1	H2	T	D	Y	Z
0.3-2	150	124	128	102	206	32	226	112	60	102	24	19	99	96	M10	13
3	150	124	128	102	286	32	226	112	80	102	28	23	99	96	M10	13
5, 7.5, 8	178	146	152	120	318	32	257	152	102	129	30	28	102	99	M16	17
10	184	152	154	122	360	32	295	154	106	186	44	44	108	105	M20	21
15-25	220	170	220	170	400	25	350	220	170	211	54	54	115	115	M24	28

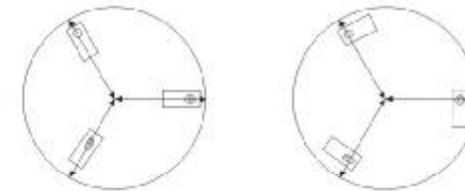
SB Weighing module

SB 动载模块



额定载荷(t) Rated Load	模块主要外形及安装尺寸														
	A	A1	B	B1	L	L1	L2	C	C1	H	H1	H2	D	G	P
0.3-3	150	124	128	102	286	32	226	112	80	107	19	19	1.6	M10	13
5, 7.5, 8	176	146	152	120	317.5	32	257	152	102	146	32.5	29	1.6	M16	17
10	184	152	154	122	360	32	295	154	106	216	44	44	3	M20	21
15-25	220	170	220	170	400	25	350	220	170	252	54	54	3	M24	28

静载模块安装方式
Static weighing module installation



径向安装Radial mouting

切向安装Cutting mouting

动载模块安装方式
Dynamic weighing module installation

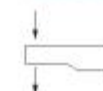
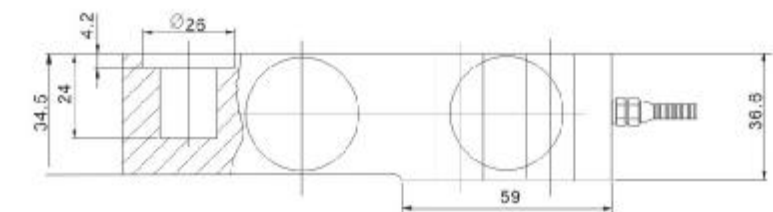
- 固定式Fixed Module
- 全浮动式Float Module
- 半浮动式Semi-float Module



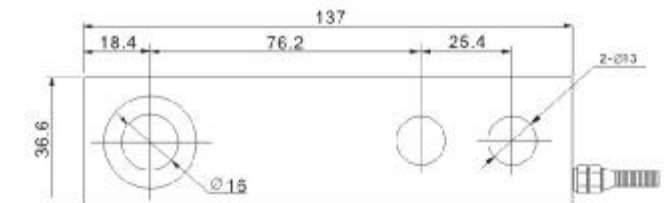
矩形安装Reclang mouting

SBB Load cell

SBB



叉车秤
Forklift scale

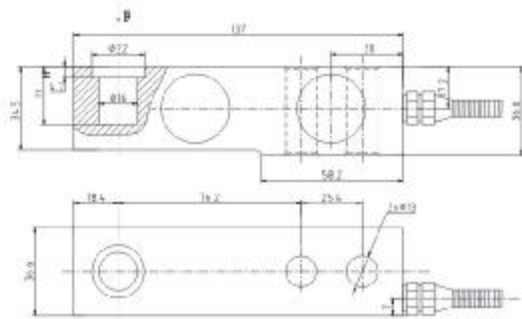


TECHNICAL PARAMETER

额定载荷Rated load	0.5, 1, 2t	额定温度 Nominal Temp Range	-10~+40℃
灵敏度Sensitivity	2.0 ± 0.002mV/V, 1.7 ± 0.002mV/V(0.5t)	工作温度范围Service Temp Range	-30~+70℃
综合误差Total error	± 0.03%F.S	安全负载Safe load limit	150%F.S
线性误差 Non-linearity	± 0.03%F.S	破坏负载Breaking load	200%F.S
滞后误差 Hysteresis error	± 0.03%F.S	额定激励电压Nominal of range excitation	10~12V DC
蠕变 (30分钟) Creep(30min)	± 0.03%F.S	最大激励电压 Maximum excitation	15V DC
零点平衡Zero balance	± 1%F.S	密封等级Protection Class	IP66(500kg)
零点温度影响TC ZERO	± 0.02%F.S/10℃		IP67(1~2t)
灵敏度温度影响TC SPAN	± 0.02%F.S/10℃	材料Material	合金钢Alloy Stel
输入阻抗Input resistance	400 ± 20 Ω	电缆Cable	Length:3.5m
输出阻抗Output resistance	352 ± 3 Ω		Diameter: Φ6mm
绝缘电阻Insulation resistance	≥ 5000 MΩ		



SBBC



量程(t)	1	2t
H	28.7	33

平台秤、配料控制系统
Platform scales, blending scale

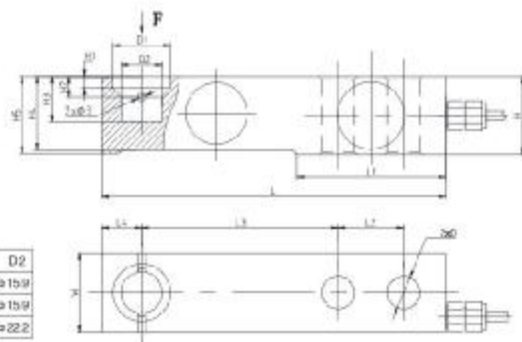
TECHNICAL PARAMETER

4Wires:Exc+(红,Red);Exc-(黑,Black);Sig+(绿,Green);Sig-(白,White)

额定载荷Rated load	1, 2t	绝缘电阻Insulation resistance	≥5000 MΩ
灵敏度Sensitivity	2.0 ± 0.002mV/V	工作温度范围Service Temp Range	-30~+70℃
综合误差Total error	± 0.03%F.S	安全负载Safe load limit	150%F.S
线性误差 Non-linearity	± 0.03%F.S	破坏负载Breaking load	200%F.S
滞后误差 Hysteresis error	± 0.03%F.S	额定激励电压Nominal of range excitation	10~12 V DC
蠕变 (30分钟) Creep(30min)	± 0.03%F.S	最大激励电压 Maximum excitation	15 V DC
零点平衡Zero balance	± 1%F.S	密封等级Protection Class	IP67
零点温度影响TC ZERO	± 0.02%F.S/10℃	材料Material	合金钢 Alloy Steel
灵敏度温度影响TC SPAN	± 0.02%F.S/10℃	电缆Cable	Length:3.5m
输入阻抗Input resistance	400 ± 20Ω		Diameter: Φ6mm
输出阻抗Output resistance	352 ± 3Ω		



SBBK



量程(t)	L	L1	L2	L3	L4	H	H1	H2	H3	H4	H5	W	D	D1	D2
1.1	133.3	57.7	25.4	76.2	15.4	30.2	6.5	7.9	17.3	26.4	29.7	30.7	±12.7	±22.2	±15.9
2.2	136.6	57.9	25.4	76.2	16.4	36.6	9.2	12.7	22.9	34	7	36.8	±12.7	±22.2	±15.9
4.4	171.5	73.8	36.1	95.2	21.4	42.9	10.8	17.3	29.3	39.6	7	42.9	±19.3	±31.8	±22.2

平台秤、配料控制系统
Platform scales, blending scale

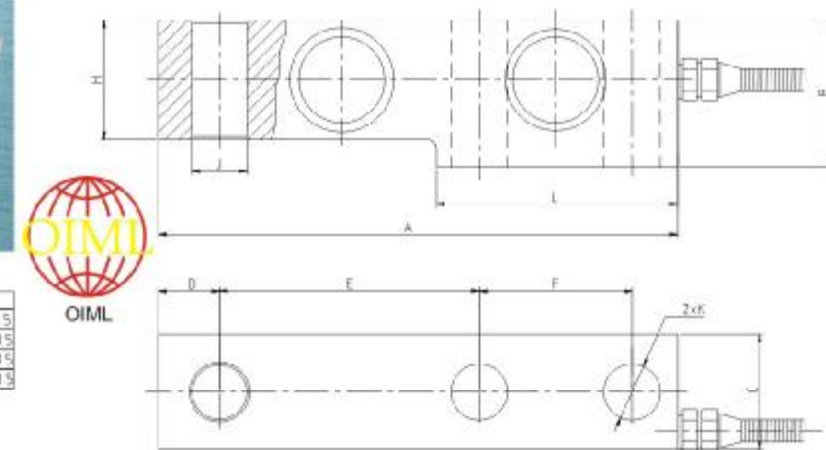
TECHNICAL PARAMETER

4Wires:Exc+(红,Red);Exc-(黑,Black);Sig+(绿,Green);Sig-(白,White)

额定载荷Rated load	1.1, 2.2, 4.4t	绝缘电阻Insulation resistance	≥5000 MΩ
灵敏度Sensitivity	2.0 ± 0.002mV/V	工作温度范围Service Temp Range	-30~+70℃
综合误差Total error	± 0.03%F.S	安全负载Safe load limit	150%F.S
线性误差 Non-linearity	± 0.03%F.S	破坏负载Breaking load	200%F.S
滞后误差 Hysteresis error	± 0.03%F.S	额定激励电压Nominal of range excitation	10~12 V DC
蠕变 (30分钟) Creep(30min)	± 0.03%F.S	最大激励电压 Maximum excitation	15V DC
零点平衡Zero balance	± 1%F.S	密封等级Protection Class	IP67
零点温度影响TC ZERO	± 0.02%F.S/10℃	材料Material	合金钢 Alloy Steel
灵敏度温度影响TC SPAN	± 0.02%F.S/10℃		不锈钢Stainless steel
输入阻抗Input resistance	380 ± 20Ω	电缆Cable	Length:5m
输出阻抗Output resistance	350 ± 3Ω		Diameter: Φ5mm



SBO



量程	A	B	C	D	E	F	H	I	J	K
50kg~300kg	135	36	26	16	75	25	32	58	φ11.5	φ11.5
500kg	135	38	30	18	75	25	31	58	φ11.5	φ13.5
1~2t	135	38	30	18	75	25	31	58	φ13.5	φ13.5
3t~5t	170	48	38	20	85	35	39	19	φ18	φ18.5

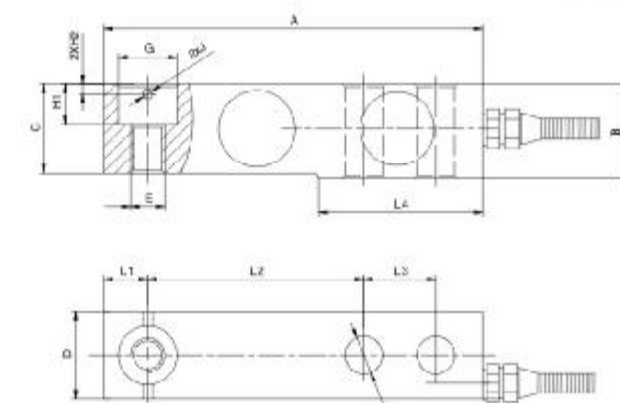
TECHNICAL PARAMETER

4Wires:Exc+(红,Red);Exc-(黑,Black);Sig+(绿,Green);Sig-(白,White)

额定载荷Rated load	50kg,300kg,500kg ,1t, 2t, 3t, 5t	额定温度 Nominal Temp Range	-10~+40℃
精度等级 Accuracy class	0.05	工作温度范围Service Temp Range	-30~+70℃
灵敏度Sensitivity	2.0 ± 0.002mV/V	安全负载Safe load limit	150%F.S
线性误差 Non-linearity	± 0.03%FS, ± 0.05%FS	破坏负载Breaking load	200%F.S
滞后误差 Hysteresis error	± 0.03%FS, ± 0.05%F.S	额定激励电压Nominal of range excitation	10V~12V DC
蠕变 (30分钟) Creep(30min)	± 0.03%F.S	密封等级Protection Class	IP66(50~500kg) IP67(1t~5t)
零点温度影响TC ZERO	± 0.02%F.S/10℃	材料Material	合金钢 Alloy Steel
灵敏度温度影响TC SPAN	± 0.02%F.S/10℃		不锈钢Stainless Steel
输入阻抗Input resistance	400 ± 20Ω	电缆Cable	Length: 3m
输出阻抗Output resistance	352 ± 3Ω		Diameter: Φ5mm
绝缘电阻Insulation resistance	≥5000 MΩ		



SBT



额定载荷 Rated Load	A	B	C	D	E	F	G	L1	L2	L3	L4	H
0.22, 0.55, 1.1, 1.76, 2, 2.2, 4.4t	130.4	33.1	31.6	30.2	81.0	±12.2	±20.6	15.4	76.2	26.4	67.2	14.2
2.2	171.5	30.5	34	36.8	82.0	±20.2	±30.2	19.1	58.5	30.1	76.2	17.0
4.4	171.5	42.3	40.4	42.9	85.0	±20.2	±30.2	19.1	58.5	30.1	76.2	20.7

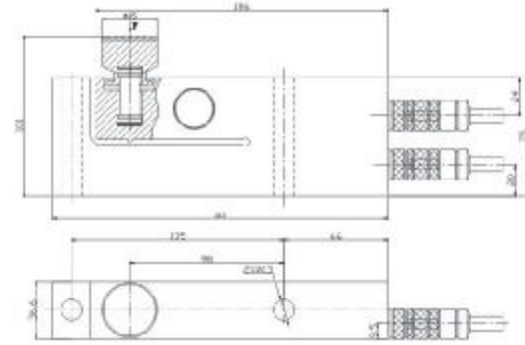
叉车秤、配料秤、低平台台秤
Forklift scale, blending scale, low platform scale

TECHNICAL PARAMETER

4Wires:Exc+(红,Red);Exc-(黑,Black);Sig+(绿,Green);Sig-(白,White)

额定载荷Rated load	0.22, 0.55, 1.1, 1.76, 2, 2.2, 4.4t	额定温度 Nominal Temp Range	-10~+40℃
精度等级 Accuracy class	0.05	工作温度范围Service Temp Range	-30~+70℃
灵敏度Sensitivity	1.94 ± 0.002mV/V	安全负载Safe load limit	150%F.S
线性误差 Non-linearity	± 0.05%F.S	破坏负载Breaking load	200%F.S
滞后误差 Hysteresis error	± 0.05%F.S	额定激励电压Nominal of range excitation	10~12V DC
蠕变 (30分钟) Creep(30min)	± 0.03%F.S	密封等级Protection Class	IP66(0.22~0.55t) IP67(1.1t~4.4t)
零点温度影响TC ZERO	± 0.02%F.S/10℃	材料Material	合金钢 Alloy Steel
灵敏度温度影响TC SPAN	± 0.02%F.S/10℃		不锈钢Stainless Steel
输入阻抗Input resistance	400 ± 20Ω	电缆CableLength:	3m (0.22~2t) 6m (2.2~4.4t)
输出阻抗Output resistance	352 ± 3Ω		Diameter: Φ5mm
绝缘电阻Insulation resistance	≥5000 MΩ		

ICS Load cell



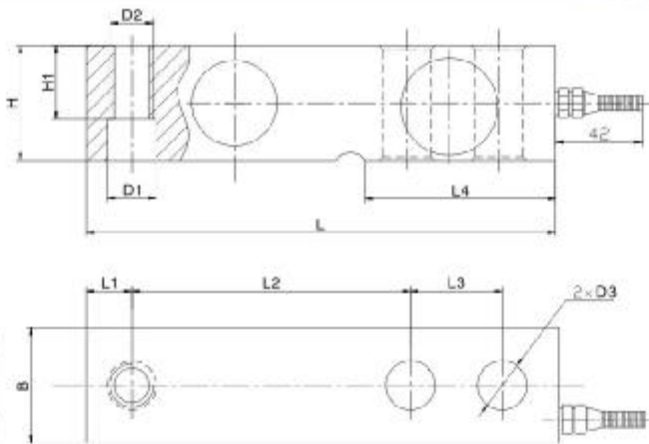
平台秤、配料控制系统
Platform scales, blending scale

TECHNICAL PARAMETER

4Wires:Exc+(红,Red);Exc-(黑,Black);Sig+(绿,Green);Sig-(白,White)

额定载荷Rated load	0.5,1,2,3t	安全负载Safe load limit	150%F.S
精度等级 Accuracy class	C3	破坏负载Breaking load	300%F.S
蠕变 (30分钟) Creep(30min)	±0.02%F.S	额定激励电压Nominal of range excitation	9-12 V DC
零点温度影响TC ZERO	±0.02%F.S/10℃	最大激励电压 Maximum excitation	20 V DC
灵敏度温度影响TC SPAN	±0.02%F.S/10℃	密封等级Protection Class	IP66
数据刷新频率Digital refurbishing frequency	10HZ	通讯方式Communication methods	RS485
通讯波特率Communication buad rate	9600BPS	材料Material	合金钢 Alloy Steel
绝缘电阻Insulation resistance	≥5000 MΩ		不锈钢Stainless steel
额定温度 Nominal Temp Range	-10~+40℃	最大信号传输距离Max signal transmission distance	1200m
工作温度范围Service Temp Range	-30~+70℃	电缆Cable	Length:2m Diameter: Φ8.8mm

SQBY Load cell



配料秤、平面台秤
blending scale, platform scale

TECHNICAL PARAMETER

4Wires:Exc+(红,Red);Exc-(黑,Black);Sig+(绿,Green);Sig-(白,White)

额定载荷Rated load	1、1.5、2、2.5、4、5、7.5、10、15、20klb	绝缘电阻Insulation resistance	≥5000 MΩ
精度等级 Accuracy class	III S 5000	额定温度 Nominal Temp Range	-10~+40℃
灵敏度Sensitivity	3.0 ± 0.003mV/V	工作温度范围Service Temp Range	-30~+70℃
线性误差 Non-linearity	±0.03%F.S	安全负载Safe load limit	150%F.S
滞后误差 Hysteresis error	±0.03%F.S	破坏负载Breaking load	200%F.S
蠕变 (30分钟) Creep(30min)	±0.02%F.S	额定激励电压Nominal of range excitation	10-12 V DC
零点温度影响TC ZERO	±0.02%F.S/10℃	密封等级Protection Class	Ip67
灵敏度温度影响TC SPAN	±0.02%F.S/10℃	材料Material	合金钢 Alloy Steel
输入阻抗Input resistance	400 ± 20 Ω	电缆Cable	Length:1.5m/3m 1:1 (1-5klb)
输出阻抗Output resistance	352 ± 3 Ω		6m(7.5-20klb)

SQB Load cell



配料控制系统、平台秤
Blending control system, low platform scale

TECHNICAL PARAMETER

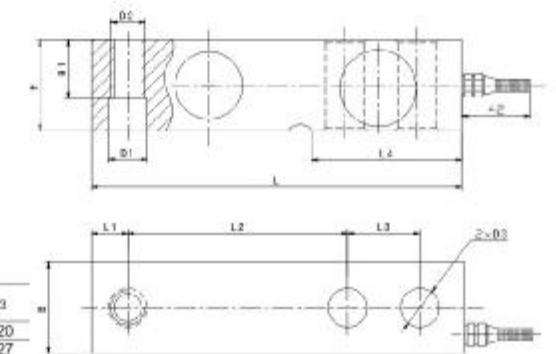
4Wires:Exc+(红,Red);Exc-(黑,Black);Sig+(绿,Green);Sig-(白,White)

额定载荷Rated load	0.1、0.15、0.2、0.25、0.3、0.5、0.75、1、1.5、2、2.5t	输出阻抗Output resistance	352 ± 3 Ω
精度等级 Accuracy class	C3	绝缘电阻Insulation resistance	≥5000 MΩ
灵敏度Sensitivity	0.1-0.3t: 2.0 ± 0.002mV/V 0.5-2.5t: 3.0 ± 0.003mV/V	额定温度 Nominal Temp Range	-10~+40℃
线性误差 Non-linearity	±0.03%F.S	工作温度范围Service Temp Range	-30~+70℃
滞后误差 Hysteresis error	±0.03%F.S	安全负载Safe load limit	150%F.S
蠕变 (30分钟) Creep(30min)	±0.02%F.S	破坏负载Breaking load	200%F.S
零点温度影响TC ZERO	±0.02%F.S/10℃	额定激励电压Nominal of range excitation	10-12 V DC
灵敏度温度影响TC SPAN	±0.02%F.S/10℃	密封等级Protection Class	IP67(0.1-0.75t) IP66(1-2.5t)
输入阻抗Input resistance	400 ± 20 Ω	材料Material	合金钢 Alloy Steel
		电缆Cable	Length:1.5m/3m 比例1:1

SQB Load cell



额定载荷(Rated Load)	L	L1	L2	L3	L4	HB	H1	D1	D2	D3
3.5	171.5	19	95.3	38.1	72.5	38.1	26	4-20	M18x1.5	4-20
7.5-10	225.5	25.3	124	50.8	102	50.8	25.4	4-27	M24x2	4-27



平台秤、配料控制系统
Platform scales, blending scale

TECHNICAL PARAMETER

4Wires:Exc+(红,Red);Exc-(黑,Black);Sig+(绿,Green);Sig-(白,White)

额定载荷Rated load	3、5、7.5、10t	绝缘电阻Insulation resistance	≥5000 MΩ
精度等级 Accuracy class	C3	额定温度 Nominal Temp Range	-10~+40℃
灵敏度Sensitivity	3.0 ± 0.003mV/V	工作温度范围Service Temp Range	-30~+70℃
线性误差 Non-linearity	±0.03%F.S	安全负载Safe load limit	150%F.S
滞后误差 Hysteresis error	±0.03%F.S	破坏负载Breaking load	200%F.S
蠕变 (30分钟) Creep(30min)	±0.02%F.S	额定激励电压Nominal of range excitation	10-12 V DC
零点温度影响TC ZERO	±0.02%F.S/10℃	密封等级Protection Class	IP66
灵敏度温度影响TC SPAN	±0.02%F.S/10℃	材料Material	合金钢 Alloy Steel
输入阻抗Input resistance	400 ± 20 Ω	电缆Cable	Length:4.2m (3t-5t)
输出阻抗Output resistance	352 ± 3 Ω		5m(7.5t-10t)

SQB Bottom Components/Weighing Module

额定载荷(t) Rated Load	L	L1	L2	L3	L4	B	H	H1	H2	H3	D	D1	D2	D3
0.1-2.5	130	53.5	25.4	76.2	12.7	31.8	77.8	31.8	12	4	±13	±36	±12	S ±16
3-5	171.5	72.5	38.1	95.3	19	38.1	94.1	38.1	10	6	±20	±50	±16	S ±20
7.5-12	225.5	102	50.8	124	25.3	50.8	121.8	50.8	10	8	±27	±64	±20	S ±32

总装 (B) 0.1~10t钢球压头 附件 Installation B :feet

总装 (A) 0.1~10t活动压头附件 Installation A :feet

额定载荷(t) Rated Load	L	L1	L2	L3	L4	B	H	H1	H2	D	D1	D2	D3
0.1-2.5	130	53.5	25.4	76.2	12.7	31.8	85-90	31.8	4	±13	±62	±12	S ±16
3-5	171.5	72.5	38.1	95.3	19	38.1	104-114	38.1	6	±20	±62	±16	S ±20
7.5-10	225.5	102	50.8	124	25.3	50.8	132-144	50.8	8	±27	±78	±20	S ±32

总装 (D) 称重模块 Installation(D) weighing module

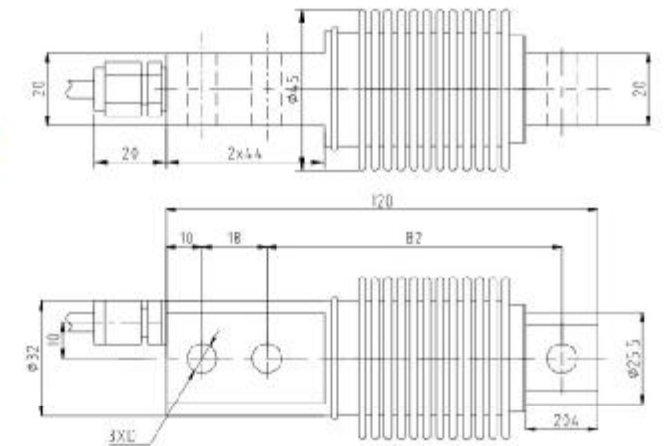
额定载荷(t) Rated Load	H	H1	H2	B1	B2	D1	D2	L	L1	L2	L3	L4	L5	L6	L7	L8
0.1-2.5	108	58	18	100	100	±13	±13	210	175	140	116	80	70	70	17.5	18
3-5	135	63.1	23	150	160	±17	±17	270	235	200	160	100	90	90	15	25
7.5-10	186.5	91.3	38	180	180	±26	±26	345.2	310	250	210.4	150.4	110	110	30	33

0.1-5t称重模块
Weighing module installation



HSX Load cell

HSX



料斗秤、皮带秤、配料系统
Hopper scale, belt scale, blending system

TECHNICAL PARAMETER

额定载荷 Rated load	10,20,30,40,50,75,100,150,200,250,300,500kg	绝缘电阻 Insulation resistance	≥5000 MΩ
精度等级 Accuracy class	C3	额定温度 Nominal Temp Range	-10~+40℃
灵敏度 Sensitivity	2.0 ± 0.002mV/V	工作温度范围 Service Temp Range	-30~+70℃
线性误差 Non-linearity	±0.02%F.S	安全负载 Safe load limit	150%F.S
滞后误差 Hysteresis error	±0.02%F.S	破坏负载 Breaking load	200%F.S
蠕变 (30分钟) Creep(30min)	±0.02%F.S	额定激励电压 Nominal of range excitation	10~12V DC
零点温度影响 TC ZERO	±0.02%F.S/10℃	密封等级 Protection Class	IP68
灵敏度温度影响 TC SPAN	±0.02%F.S/10℃	材料 Material	合金钢 Alloy Steel 不锈钢 Stainless Steel
输入阻抗 Input resistance	400 ± 20Ω	电缆 Cable	Length:3m
输出阻抗 Output resistance	352 ± 3Ω		

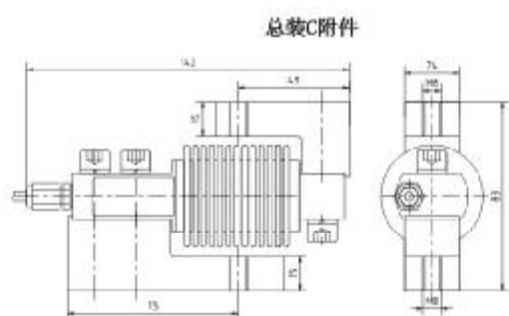
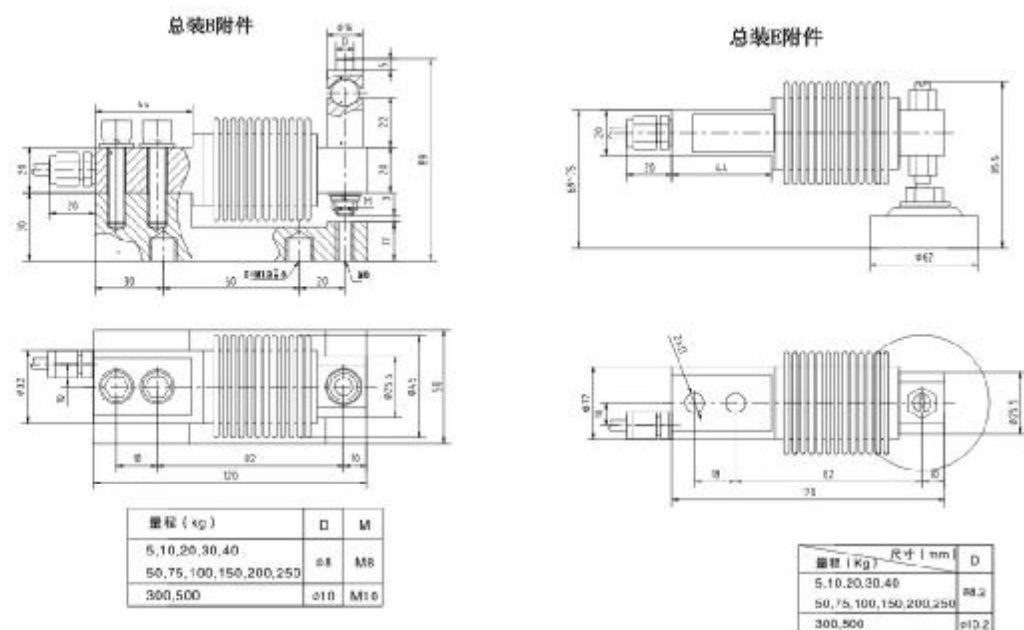
4Wires: Exc+(红, Red); Exc-(黑, Black); Sig+(绿, Green); Sig-(白, White)

HSX Meighing Module

HSX

总装D模块 (Diagram D)

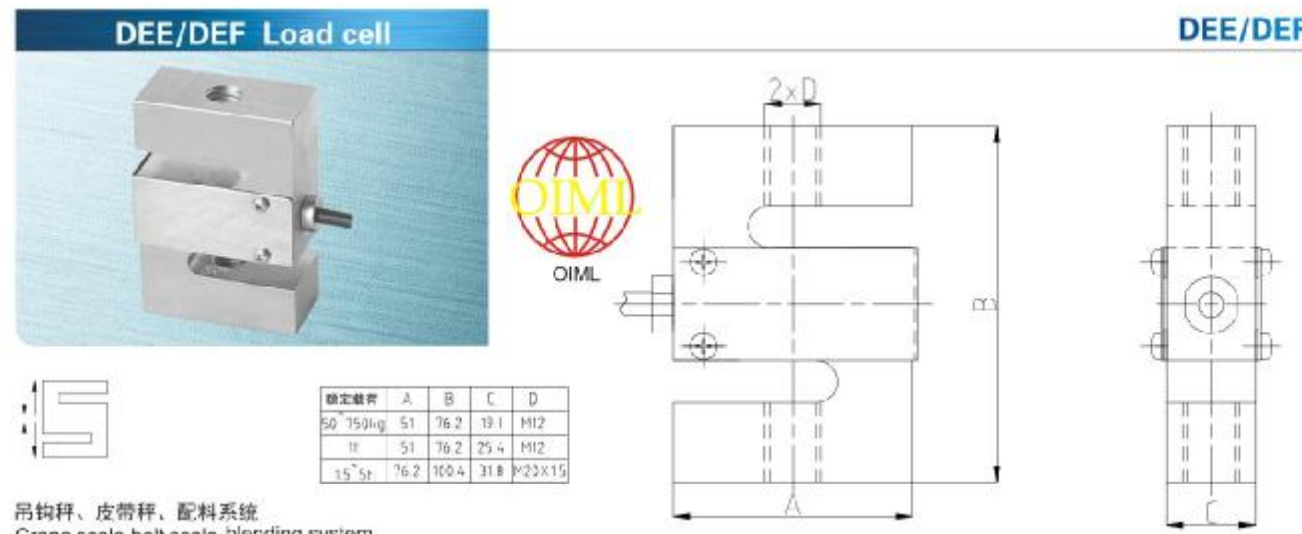
径向安装 Radial installation 切向安装 Cutting installation 矩形安装 Rectangle installation



额定载荷 (t)	H	L1	L2	M
1	82	66	38	M12
1.5, 2	86	70	45	M16
5	130	92	58	M20

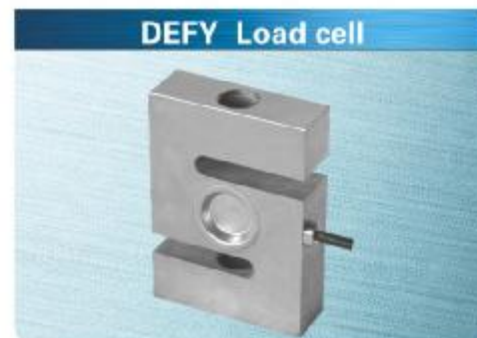
吊钩秤、配料秤、包装秤、机电结合秤及专用测力装置
Crane scale, blending scale, packing scale, electromechanical scale, special testing device

TECHNICAL PARAMETER 4Wires: Exc+(Red, Red); Exc-(Black, Black); Sig+(Green, Green); Sig-(White, White)			
额定载荷 Rated load	1, 1.5, 2, 5t	绝缘电阻 Insulation resistance	≥2000 MΩ
灵敏度 Sensitivity	2.0 ± 0.002mV/V	工作温度范围 Service Temp Range	-30~+70℃
综合误差 Total error	±0.03%F.S	安全负载 Safe load limit	150%F.S
线性误差 Non-linearity	±0.03%F.S	破坏负载 Breaking load	200%F.S
滞后误差 Hysteresis error	±0.03%F.S	额定激励电压 Nominal of range excitation	10-12 V DC
蠕变 (30分钟) Creep(30min)	±0.02%F.S	最大激励电压 Maximum excitation	15 V DC
零点平衡 Zero balance	±1%F.S	密封等级 Protection Class	IP66
零点温度影响 TC ZERO	±0.02%F.S/10℃	材料 Material	合金钢 Alloy Steel
灵敏度温度影响 TC SPAN	±0.02%F.S/10℃	电缆 Cable	Length: 12m (DEC11); 2m
输入阻抗 Input resistance	400 ± 20 Ω	直径 Diameter: ø5mm (DEC11); ø6mm	
输出阻抗 Output resistance	352 ± 3 Ω		



吊钩秤、皮带秤、配料系统
Crane scale, belt scale, blending system

TECHNICAL PARAMETER 4Wires: Exc+(Red, Red); Exc-(Black, Black); Sig+(Green, Green); Sig-(White, White)			
额定载荷 Rated load	50, 100, 150, 200, 250, 300, 500, 750kg, 1t, 1.5t, 2t, 3t, 5t, 7.5t	输出阻抗 Output resistance	352 ± 5 Ω
精度等级 Accuracy class	0.03	绝缘电阻 Insulation resistance	≥5000 MΩ
灵敏度 Sensitivity	2.0 ± 0.003mV/V (DEE) 3.0 ± 0.003mV/V (DEF)	额定温度 Nominal Temp Range	-10~+40℃
线性误差 Non-linearity	±0.03%F.S	工作温度范围 Service Temp Range	-30~+70℃
滞后误差 Hysteresis error	±0.03%F.S	安全负载 Safe load limit	150%F.S
蠕变 (30分钟) Creep(30min)	±0.03%F.S	破坏负载 Breaking load	200%F.S
零点温度影响 TC ZERO	±0.02%F.S/10℃	额定激励电压 Nominal of range excitation	10-12 V DC
灵敏度温度影响 TC SPAN	±0.02%F.S/10℃	密封等级 Protection Class	IP66(50kg-1t), IP67(1.5t-5t)
输入阻抗 Input resistance	400 ± 20 Ω (1.5t-5t)	材料 Material	合金钢 Alloy Steel, 不锈钢 Stainless steel
		电缆 Cable	Length=3m



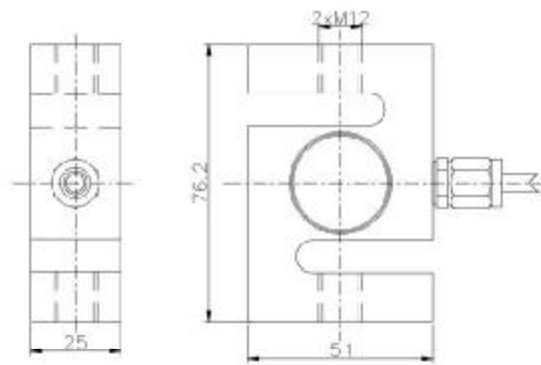
额定载荷	A	B	L	C
50 150lb	51	63.5	12.4	1/4-28UNF
200 300lb	51	76.2	12.7	3/8-24UNF
0.5 1.5kN	51	76.2	19.1	1/2-20UNF
2 3kN	51	76.2	25.4	1/2 20UNF
5 7.5kN	76.2	101.9	25.4	3/4-16UNF
10kN	88.9	101.9	25.4	3/4-16UNF
15 25kN	127	178	51	1 1/2-12UNF

吊钩秤、皮带秤、配料系统
Crane scale, belt scale, blending system

TECHNICAL PARAMETER 4Wires: Exc+(Red, Red); Exc-(Black, Black); Sig+(Green, Green); Sig-(White, White)			
额定载荷 Rated load	50, 100, 150, 200, 250, 300, 500 lb, 1, 1.5, 2, 3, 5, 7.5, 10, 15, 20klb	绝缘电阻 Insulation resistance	≥5000 MΩ
精度等级 Accuracy class	0.03, 0.05	额定温度 Nominal Temp Range	-10~+40℃
灵敏度 Sensitivity	3.0 ± 0.003mV/V	工作温度范围 Service Temp Range	-30~+70℃
线性误差 Non-linearity	±0.03%F.S, ±0.05%F.S	安全负载 Safe load limit	150%F.S
滞后误差 Hysteresis error	±0.03%F.S	破坏负载 Breaking load	200%F.S
蠕变 (30分钟) Creep(30min)	±0.02%F.S	额定激励电压 Nominal of range excitation	10-12 V DC
零点温度影响 TC ZERO	±0.02%F.S/10℃	密封等级 Protection Class	IP65/IP68
灵敏度温度影响 TC SPAN	±0.02%F.S/10℃	材料 Material	合金钢 Alloy Steel
输入阻抗 Input resistance	400 ± 20 Ω (5-20klb)	电缆 Cable	Length=5m
输出阻抗 Output resistance	352 ± 3 Ω		

DEEK Load cell

DEEK



吊钩秤、配料秤、包装秤、机电结合秤及专用测力装置
Crane scale, blending scale, packing scale, electromechanical scale, special testing device

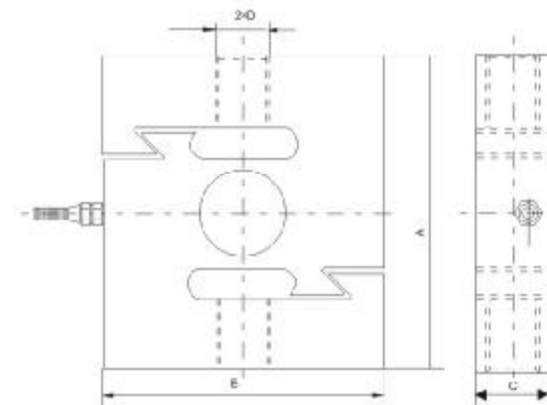
TECHNICAL PARAMETER

Wires: Sen+(蓝,Blue);Sig+(白,White);Exc-(黑,Black);Sig-(红,Red)

额定载荷 Rated load	200,300,500kg, 1t	绝缘电阻 Insulation resistance	≥5000 MΩ
精度等级 Accuracy class	0.03	额定温度 Nominal Temp Range	-10~+40℃
灵敏度 Sensitivity	2.0 ± 0.005mV/V	工作温度范围 Service Temp Range	-30~+70℃
线性误差 Non-linearity	± 0.03%F.S	安全负载 Safe load limit	150%F.S
滞后误差 Hysteresis error	± 0.03%F.S	破坏负载 Breaking load	200%F.S
蠕变 (30分钟) Creep(30min)	± 0.03%F.S	额定激励电压 Nominal of range excitation	10~12 V DC
零点温度影响 TC ZERO	± 0.02%F.S/10℃	密封等级 Protection Class	IP67
灵敏度温度影响 TC SPAN	± 0.02%F.S/10℃	材料 Material	不锈钢 Stainless steel
输入阻抗 Input resistance	400 ± 20Ω	电缆 Cable	Length:3m
输出阻抗 Output resistance	352 ± 3Ω		Diameter: Φ 5

DEL Load cell

DEL



吊钩秤、配料秤、包装秤、机电结合秤及专用测力装置
Crane scale, blending scale, packing scale, electromechanical scale, special testing device

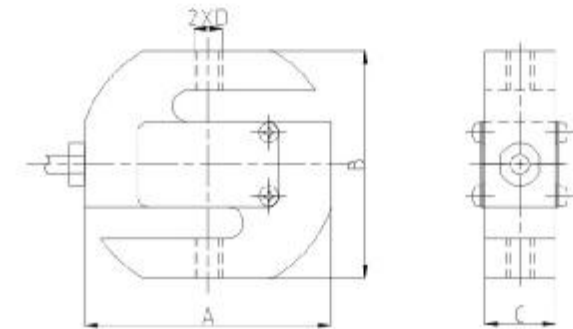
TECHNICAL PARAMETER

4Wires: Exc+(红,Red);Exc-(黑,Black);Sig+(绿,Green);Sig-(白,White)

额定载荷 Rated load	0.05,0.1,0.2,0.25,0.3,0.5,0.75,1,1.5,2,3,5,7,10,15,20t	绝缘电阻 Insulation resistance	≥5000 MΩ
精度等级 Accuracy class	0.05	额定温度 Nominal Temp Range	-10~+40℃
灵敏度 Sensitivity	2.0 ± 0.002mV/V	工作温度范围 Service Temp Range	-30~+70℃
综合误差 Total error	± 0.05%F.S	安全负载 Safe load limit	150%F.S
线性误差 Non-linearity	± 0.03%F.S	破坏负载 Breaking load	200%F.S
滞后误差 Hysteresis error	± 0.03%F.S	额定激励电压 Nominal of range excitation	10~12 V DC
蠕变 (30分钟) Creep(30min)	± 0.03%F.S	密封等级 Protection Class	IP65(0.05~5t) IP67(7.5~20t)
零点温度影响 TC ZERO	± 0.03%F.S/10℃	材料 Material	合金钢 Alloy Steel 不锈钢 Stainless steel
灵敏度温度影响 TC SPAN	± 0.03%F.S/10℃	电缆 Cable	Length=6m
输入阻抗 Input resistance	400 ± 20Ω		Diameter: Φ 5mm
输出阻抗 Output resistance	352 ± 3Ω		

PST Load cell

PST



吊钩秤、配料秤、包装秤、机电结合秤及专用测力装置
Crane scale, blending scale, packing scale, electromechanical scale, special testing device

额定载荷	A	H	Γ	Π
20 150kg	70	64	12	M8
200 500kg	70	64	20	M12
700 1000kg	70	64	25	M17
1.5~5t	88	90	32	M20
7.5t	88	90	40	M24

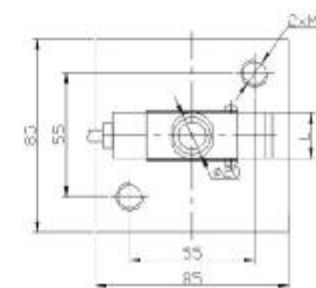
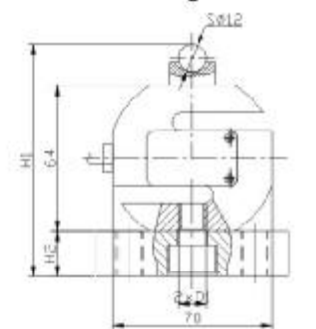
TECHNICAL PARAMETER

4Wires: Exc+(红,Red);Exc-(黑,Black);Sig+(绿,Green);Sig-(白,White)

额定载荷 Rated load	20,30,50,75,100,150,200,250,300,500,700,750kg, 1t,1.5t,2t,3t,5t,7.5t	绝缘电阻 Insulation resistance	≥5000 MΩ
精度等级 Accuracy class	C3	额定温度 Nominal Temp Range	-10~+40℃
灵敏度 Sensitivity	2.0 ± 0.003mV/V	工作温度范围 Service Temp Range	-30~+70℃
线性误差 Non-linearity	± 0.03%F.S	安全负载 Safe load limit	150%F.S
滞后误差 Hysteresis error	± 0.03%F.S	破坏负载 Breaking load	200%F.S
蠕变 (30分钟) Creep(30min)	± 0.03%F.S	额定激励电压 Nominal of range excitation	10~12 V DC
零点温度影响 TC ZERO	± 0.02%F.S/10℃	密封等级 Protection Class	IP66(20kg~1t), IP69(1.5t~7.5t)
灵敏度温度影响 TC SPAN	± 0.02%F.S/10℃	材料 Material	合金钢 Alloy Steel 不锈钢 Stainless steel
输入阻抗 Input resistance	400 ± 20Ω (1.5t~7.5t)	电缆 Cable	Length=2.6m(20kg~1t), 3m(1.5~7.5t)
输出阻抗 Output resistance	352 ± 5Ω		

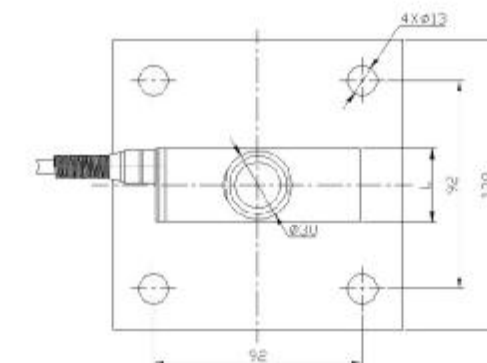
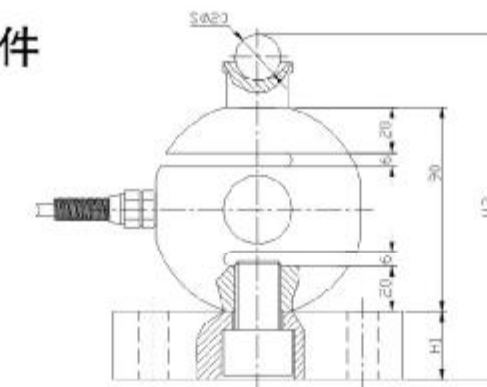
20kg~1t

2t~7.5t



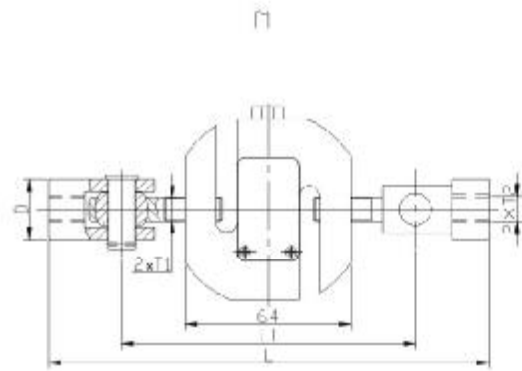
额定载荷	H1	H2	D1	L
20~150kg	97	15	M8	12
200~500kg	103	19	M12	20
700~1000kg	103	19	M12	25

总装B附件



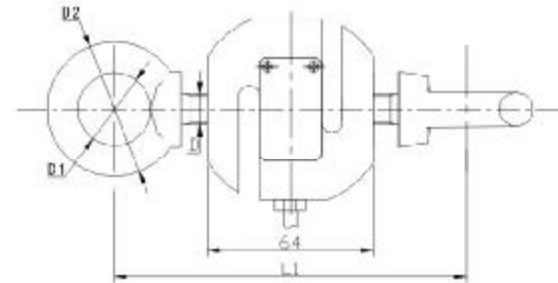
额定载荷	H1	H2	L
2~5t	29	151	32
7.5t	34	156	40

总装D附件



额定载荷 Rated Load	Lmax	L1max	T1	T2	D
20~150kg	184	124	M8	M8	24
200~500kg	228	148	M12	M12	34
700~1000kg	228	148	M12	M12	34
2t~3t	328	208	M20	M24	56

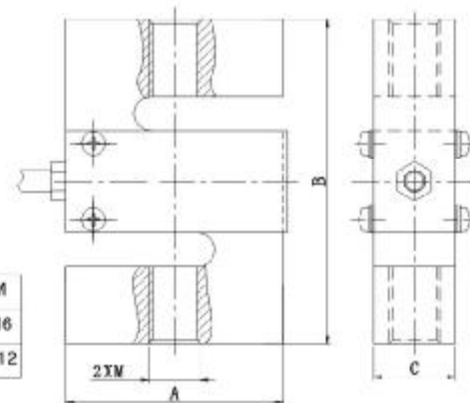
总装E附件



额定载荷 Rated Load	D	D1	D2	L1max	L2
20~150kg	M8	20	36	108	9
200~300kg	M12	28	52	136	13

DEML Load cell

DEML



量程	A	B	C	M
5~30kg	51	63.5	12.4	M6
50~200kg	51	76.2	19.1	M12

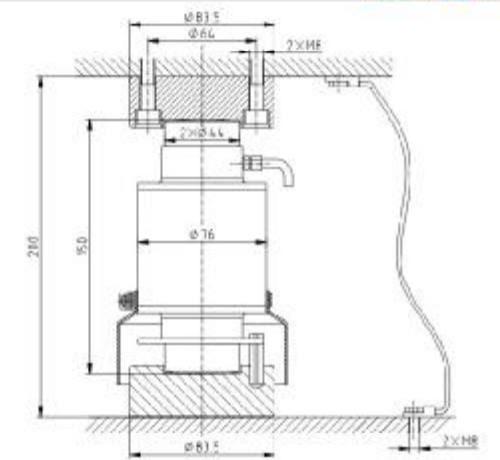
吊钩秤, 皮带秤, 配料秤
Crane scale, belt scale, blening scale

TECHNICAL PARAMETER

额定载荷 Rated load	5, 10, 15, 20, 50, 100, 200kg	绝缘电阻 Insulation resistance	≥ 5000MΩ
灵敏度 Sensitivity	1.0 ± 0.003mV/V (5 ~ 30kg) 2.0 ± 0.003mV/V (50 ~ 200kg)	工作温度范围 Operating Temp Range	-30 ~ +70°C
综合误差 Total error	± 0.05% F.S	安全过载 Safe load limit	150% F.S
蠕变 (30分钟) Creep (30min)	± 0.03% F.S	极限过载 Lateral load limit	200% F.S
零点平衡 Zero balance	± 2% F.S (5 ~ 30kg) ± 1% F.S (50 ~ 200kg)	推荐激励电压 Recommend excitation	10 ~ 12V DC
零点温度影响 TCO	± 0.03% F.S/10°C	最大激励电压 Maximum excitation	15V DC
输出温度影响 TC SPAN	± 0.03% F.S/10°C	密封等级 Protection Class	IP65
输入阻抗 Input resistance	400 ± 20 Ω	材质 Construction	铝合金 Aluminium
输出阻抗 Output resistance	352 ± 3 Ω	电缆 Cable	Length: 5m Diameter: φ5mm

ZSF/ZSFY Load cell

ZSF/ZSFY



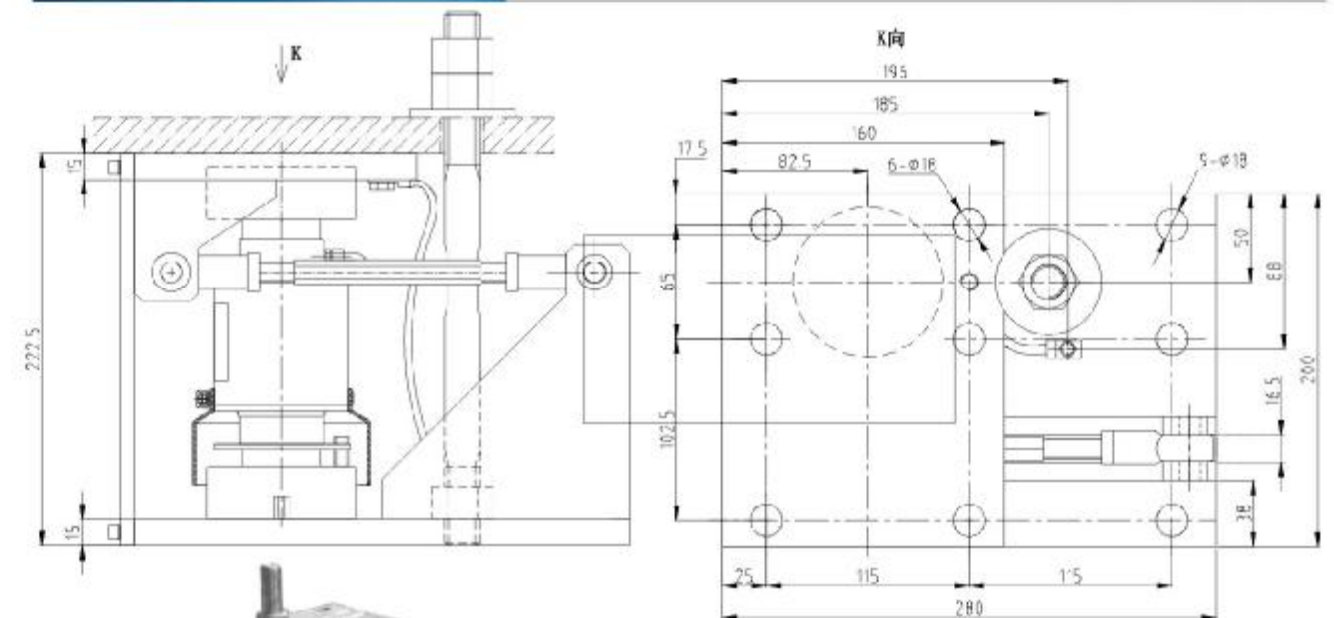
汽车衡, 轨道衡, 轴重秤, 地上衡
Truck scale, railway scale, axle-load scale, floor scale

TECHNICAL PARAMETER

额定载荷 Rated load	10, 15, 20, 25, 30, 40, 50t	额定温度 Nominal Temp Range	-10 ~ +40°C
精度等级 Accuracy class	C3	工作温度范围 Service Temp Range	-30 ~ +70°C
灵敏度 Sensitivity	2.0 ± 0.002mV/V	安全负载 Safe load limit	150% F.S
线性误差 Non-linearity	± 0.03% F.S	破坏负载 Breaking load	250% F.S
滞后误差 Hysteresis error	± 0.03% F.S	额定激励电压 Nominal of range excitation	10 ~ 12 V DC
蠕变 (30分钟) Creep (30min)	± 0.02% F.S	密封等级 Protection Class	IP68
零点温度影响 TC ZERO	± 0.02% F.S/10°C	材料 Material	合金钢 Alloy Steel
灵敏度温度影响 TC SPAN	± 0.02% F.S/10°C	不锈钢 Stainless steel	
输入阻抗 Input resistance	400 ± 20 (ZSF) 700 ± 20 Ω (ZSFY)	电缆 Cable	Length: 8m (10t); 10m (15t); 12m (20~25t); 14m (30t); 16m (40~50t);
输出阻抗 Output resistance	352 ± 3 Ω (ZSF) 706 ± 7 Ω (ZSFY)		
绝缘电阻 Insulation resistance	≥ 5000 MΩ		

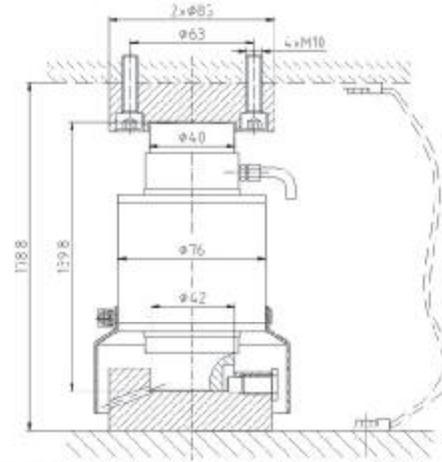
ZSF/ZSFY Weighing module

ZSF/ZSFY 称重模块



ZSGB Load cell

ZSGB



汽车衡、轨道衡、轴重秤、地上衡
Truck scale, railway scale, axle-load scale, floor scale

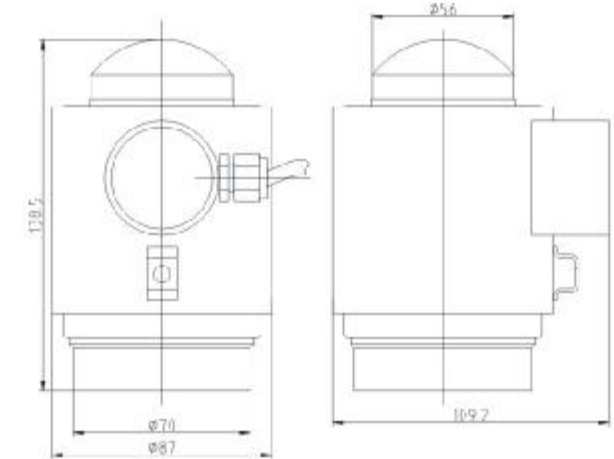
TECHNICAL PARAMETER

4Wires: Exc+(红, Red); Exc-(黑, Black); Sig+(绿, Green); Sig-(白, White)

额定载荷Rated load	5, 10, 15, 20, 25, 30t	工作温度范围Service Temp Range	-30~+70℃
灵敏度Sensitivity	2.0 ± 0.002mV/V	安全负载Safe load limit	150%F.S
综合误差Total error	± 0.02%F.S	破坏负载Breaking load	300%F.S
蠕变(30分钟) Creep(30min)	± 0.02%F.S	额定激励电压Nominal of range excitation	10~12 V DC
零点平衡Zero balance	± 1%F.S	最大激励电压 Maximum excitation	15 V DC
零点温度影响TC ZERO	± 0.02%F.S/10℃	密封等级Protection Class	IP68
灵敏度温度影响TC SPAN	± 0.02%F.S/10℃	材料Material	合金钢 Alloy Steel
输入阻抗Input resistance	400 ± 10Ω	电缆Cable	Length: 4.2m(5t), 8m(10t), 10m(15t)
输出阻抗Output resistance	352 ± 2Ω		12m(20~25t), 14m(30t);
绝缘电阻Insulation resistance	≥ 5000 MΩ		Diameter: φ5mm

ZSKG Load cell

ZSKG



轨道衡、仓储秤
Railway scale, warehouse scale



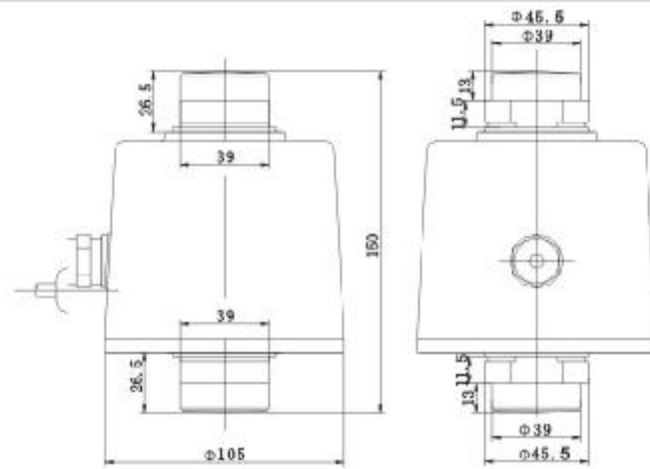
TECHNICAL PARAMETER

4Wires: Exc+(红, Red); Exc-(黑, Black); Sig+(绿, Green); Sig-(白, White)

额定载荷Rated load	20, 30, 40t	工作温度范围Service Temp Range	-30~+70℃
灵敏度Sensitivity	2.0 ± 0.002mV/V	安全负载Safe load limit	150%F.S
综合误差Total error	± 0.03%F.S	破坏负载Breaking load	200%F.S
蠕变(30分钟) Creep(30min)	± 0.05%F.S	额定激励电压Nominal of range excitation	10~12 V DC
零点平衡Zero balance	± 1%F.S	最大激励电压 Maximum excitation	15 V DC
零点温度影响TC ZERO	± 0.03%F.S/10℃	密封等级Protection Class	IP68
灵敏度温度影响TC SPAN	± 0.03%F.S/10℃	材料Material	不锈钢Stainless steel
输入阻抗Input resistance	650 ± 10Ω	电缆Cable	Length: 12m
输出阻抗Output resistance	610 ± 2Ω		Diameter: φ6mm
绝缘电阻Insulation resistance	≥ 5000 MΩ		

CLC Load cell

CLC



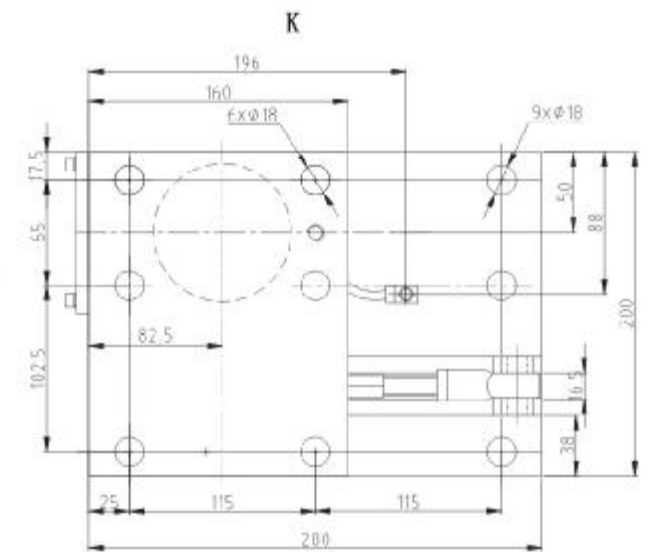
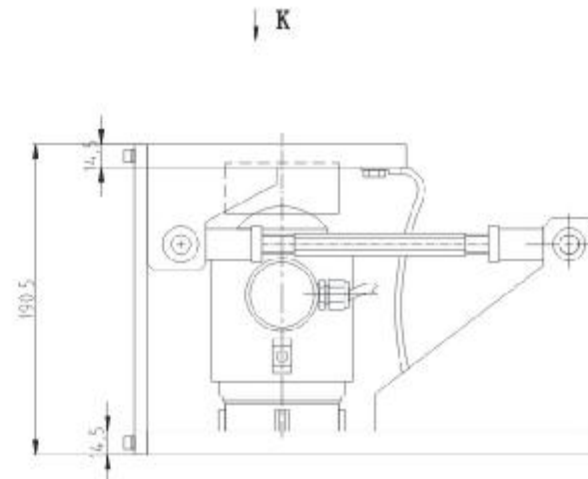
汽车衡、轨道衡、轴重秤、地上衡
Truck scale, railway scale, axle-load scale, floor scale



TECHNICAL PARAMETER

4Wires: Exc+(红, Red); Exc-(黑, Black); Sig+(绿, Green); Sig-(白, White)

额定载荷Rated load	10, 15, 20, 25, 30, 40, 50, 60t	工作温度范围Service Temp Range	-30~+70℃
灵敏度Sensitivity	2.0 ± 0.005mV/V	安全负载Safe load limit	150%F.S
综合误差Total error	± 0.03%F.S	破坏负载Breaking load	200%F.S
零点平衡Zero balance	± 1%F.S	额定激励电压Nominal of range excitation	10~12 V DC
零点温度影响TC ZERO	± 0.02%F.S/10℃	最大激励电压 Maximum excitation	15 V DC
灵敏度温度影响TC SPAN	± 0.02%F.S/10℃	密封等级Protection Class	IP68
输入阻抗Input resistance	1150 ± 50Ω	材料Material	合金钢 Alloy Steel
输出阻抗Output resistance	1003 ± 5Ω	电缆Cable	Length: 16m(10~25t), 18m(30~60t)
绝缘电阻Insulation resistance	≥ 5000 MΩ		Diameter: φ6mm

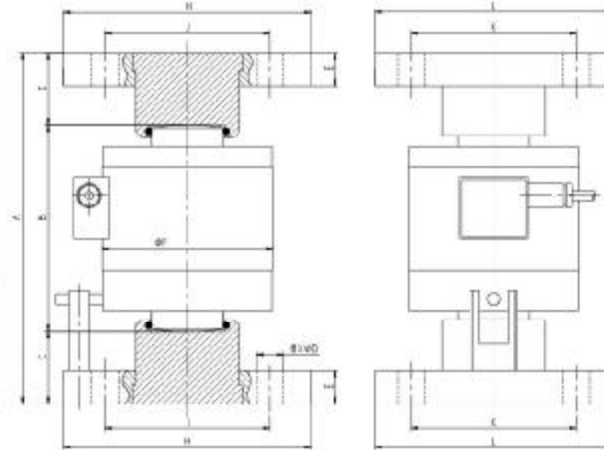


ZSC Load cell

ZSC



额定载荷 (t)	A	B	C	D	E	F	H	J	K	L
10	170	110	30	20	19	89	140	100	80	130
20	175	115	30	20	19	89	140	100	80	130
30	205	125	40	24	22	99	190	130	110	170
50, 70	255	155	50	24	24	125	230	140	120	180
100, 150	340	200	70	28	32	160	240	160	160	230
200, 300, 400	495	275	110	39	44	223	340	250	250	340

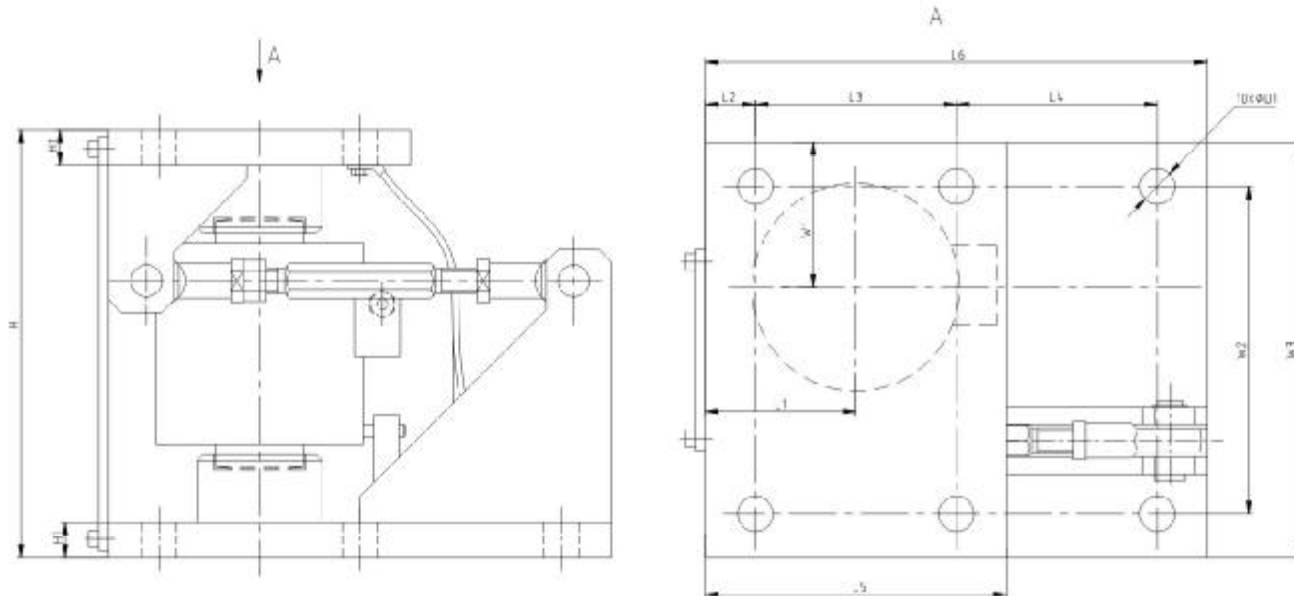


汽车衡、轨道衡、地上衡、仓储秤
Truck scale, railway scale, warehouse scale

TECHNICAL PARAMETER

6Wires: Exc+(红, Red); Exc-(黑, Black); Sig+(绿, Green); Sig-(白, White); Sen+(蓝, Blue); Sen-(黄, Yellow)
Sen+(反绿)+ (蓝, Blue); Sen-(反黄)- (黄, Yellow)

额定载荷 Rated load	10、20、30、50、70、100、150、200、300、400t	绝缘电阻 Insulation resistance	≥5000 MΩ
精度等级 Accuracy class	0.05(10~100t); 0.1(150~400t)	额定温度 Nominal Temp Range	-10~+40℃
灵敏度 Sensitivity	2.0 ± 0.003mV/V	工作温度范围 Service Temp Range	-30~+70℃
线性误差 Non-linearity	± 0.05(10~100t); ± 0.1(150~400t)	安全负载 Safe load limit	150%F.S
滞后误差 Hysteresis error	± 0.05(10~100t); ± 0.1(150~400t)	破坏负载 Breaking load	200%F.S
蠕变 (30分钟) Creep(30min)	± 0.03%F.S	额定激励电压 Nominal of range excitation	10~12 V DC
零点温度影响 TC ZERO	± 0.03%F.S/10℃	密封等级 Protection Class	IP68
灵敏度温度影响 TC SPAN	± 0.03%F.S/10℃	材料 Material	合金钢 Alloy Steel
输入阻抗 Input resistance	400 ± 20Ω		不锈钢 Stainless steel
输出阻抗 Output resistance	352 ± 3Ω	电缆 Cable	Length: 8m(10t); 12m(20t); 14m(30t); 16m(50~150t); 20m(200~400t)



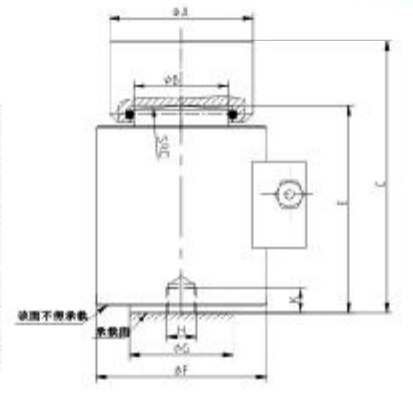
规格 (t)	H	H1	D1	L1	L2	L3	L4	L5	φ	W1	W2	W3
50, 70	300	23	22	105	30	150	120	210	330	95	210	270
100, 150	340	28	28	120	40	160	160	240	400	115	260	330
200, 300, 400	495	38	39	170	45	250	250	340	590	150	360	450

ZSE Load cell

ZSE



额定载荷 (t)	A	B	C	D	E	F	G	H	K
20	55	31.8	105.6	150	82.6	76	48	M12	10
25	55	38	147	150	117	100	38	M20	14
30	55	38	147	150	117	100	38	M12	10
40	55	38	147	150	117	100	38	M20	14
50, 60	63	56	167	200	127	107	50	M20	14
70	63	56	167	200	127	107	50	M20	14
100	99	75	224	300	184	166	70	M20	20
150	99	75	254	300	184	166	78	M20	20
200	129	100	340	500	250	223	112	M24	36
300, 400	140	108	360	500	250	223	112	M24	36
500	160	115	380	500	300	223	120	M24	36



实验机设备及各种专用衡器
Testing equipment and special scale

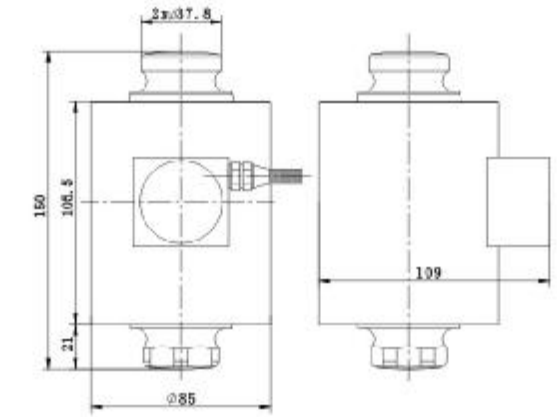
TECHNICAL PARAMETER

6Wires: Exc+(红, Red); Exc-(黑, Black); Sig+(绿, Green); Sig-(白, White); Sen+(蓝, Blue); Sen-(黄, Yellow)

额定载荷 Rated load	20、25、30、40、50、60、70、100、150、200、300、400、500t	绝缘电阻 Insulation resistance	≥5000 MΩ
精度等级 Accuracy class	± 0.05(20~100t); 0.1(150~500t)	额定温度 Nominal Temp Range	-10~+40℃
灵敏度 Sensitivity	2.0 ± 0.003mV/V	工作温度范围 Service Temp Range	-30~+70℃
线性误差 Non-linearity	± 0.05(10~100t); 0.1(150~500t)	安全负载 Safe load limit	150%F.S
滞后误差 Hysteresis error	± 0.03%F.S	破坏负载 Breaking load	200%F.S
蠕变 (30分钟) Creep(30min)	± 0.03%F.S	额定激励电压 Nominal of range excitation	10~12 V DC
零点温度影响 TC ZERO	± 0.03%F.S/10℃	密封等级 Protection Class	IP67
灵敏度温度影响 TC SPAN	± 0.03%F.S/10℃	材料 Material	合金钢 Alloy Steel
输入阻抗 Input resistance	400 ± 20Ω		不锈钢 Stainless steel
输出阻抗 Output resistance	352 ± 3Ω	电缆 Cable	Length: 8m(10t); 12m(20t); 14m(25~40t); 16m(50~150t); 20m(200~500t)

ZSNC Load cell

ZSNC



汽车衡、轨道衡、轴重秤
Truck scale, railway scale, axle-load scale

TECHNICAL PARAMETER

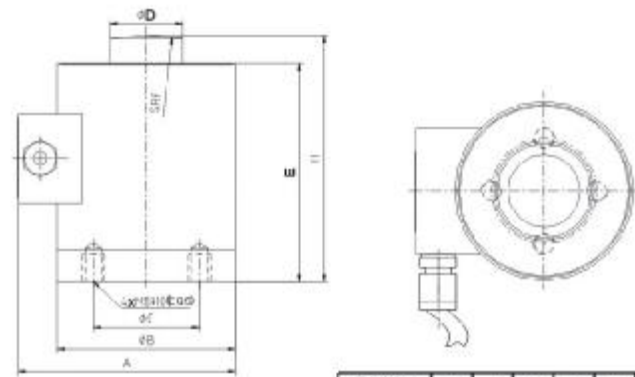
6Wires: Exc+(红, Red); Exc-(黑, Black); Sig+(绿, Green); Sig-(白, White); Sen+(蓝, Blue); Sen-(黄, Yellow)

额定载荷 Rated load	20、25、30、40、50t	额定温度 Nominal Temp Range	-10~+40℃
精度等级 Accuracy class	0.03, 0.05	工作温度范围 Service Temp Range	-30~+70℃
灵敏度 Sensitivity	2.0 ± 0.002mV/V	安全负载 Safe load limit	150%F.S
线性误差 Non-linearity	0.03%F.S, 0.05%F.S	破坏负载 Breaking load	200%F.S
滞后误差 Hysteresis error	0.03%F.S, 0.05%F.S	额定激励电压 Nominal of range excitation	10~12 V DC
蠕变 (30分钟) Creep(30min)	± 0.02%F.S	密封等级 Protection Class	IP68
零点温度影响 TC ZERO	± 0.02%F.S/10℃	材料 Material	合金钢 Alloy Steel
灵敏度温度影响 TC SPAN	± 0.02%F.S/10℃		不锈钢 Stainless steel
输入阻抗 Input resistance	1160 ± 10Ω	电缆 Cable	Length: 20~25t: 12m, 30t: 14m, 40~50t: 16m
输出阻抗 Output resistance	1005 ± 5Ω		Diameter: Φ6mm
绝缘电阻 Insulation resistance	≥5000 MΩ		



ZSL Load cell

ZSL



额定载荷 (t) Rated Load	H	A	B	C	D	E	F
1, 2, 3, 5	88	70	64	38	26	78	80
10	105	83	76	46	34	95	120
15, 20	130	108	88	56	34	118	120



汽车衡、轨道衡、轴重秤、地上衡
Truck scale, railway scale, axle-load scale, floor scale

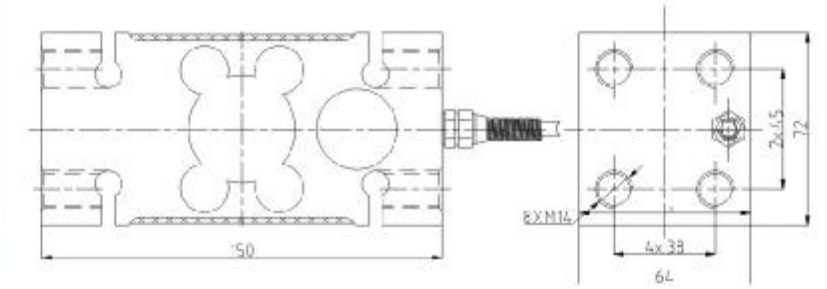
TECHNICAL PARAMETER

4Wires: Exc+(红, Red); Exc-(黑, Black); Sig+(绿, Green); Sig-(白, White)

额定载荷 Rated load	1, 2, 3, 5, 10, 15, 20t	工作温度范围 Service Temp Range	-30~+70°C
灵敏度 Sensitivity	2.0 ± 0.005mV/V	安全负载 Safe load limit	120%F.S
综合误差 Total error	± 0.1%F.S	破坏负载 Breaking load	150%F.S
蠕变 (30分钟) Creep(30min)	± 0.05%F.S	额定激励电压 Nominal of range excitation	10~12 V DC
零点平衡 Zero balance	± 1%F.S	最大激励电压 Maximum excitation	15 V DC
零点温度影响 TC ZERO	± 0.05%F.S/10°C	密封等级 Protection Class	IP67
灵敏度温度影响 TC SPAN	± 0.05%F.S/10°C	材料 Material	合金钢 Alloy Steel
输入阻抗 Input resistance	400 ± 20Ω	电缆 Cable	Length: 3m
输出阻抗 Output resistance	352 ± 3Ω		Diameter: Φ5mm
绝缘电阻 Insulation resistance	≥ 5000 MΩ		

IL Load cell

IL



配料秤、包装秤、动态检测系统、台秤
Blending scale, packing scale, dynamic testing system, platform scale

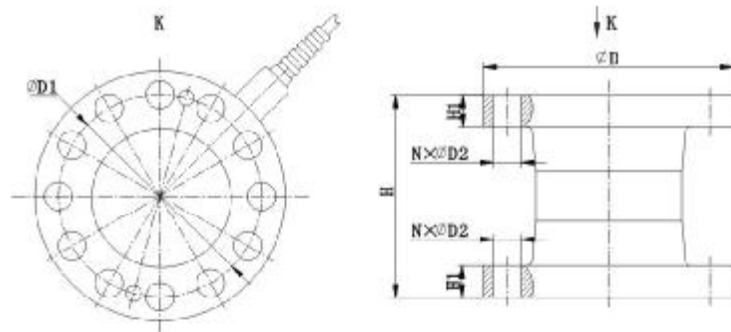
TECHNICAL PARAMETER

4Wires: Exc+(红, Red); Exc-(黑, Black); Sig+(绿, Green); Sig-(白, White)

额定载荷 Rated load	50, 100, 150, 200, 250, 300, 500kg, 1t, 2t	绝缘电阻 Insulation resistance	≥ 5000 MΩ
精度等级 Accuracy class	C3	额定温度 Nominal Temp Range	-10~+40°C
灵敏度 Sensitivity	2.0 ± 0.2mV/V	工作温度范围 Service Temp Range	-30~+70°C
线性误差 Non-linearity	± 0.03%F.S	安全负载 Safe load limit	150%F.S
滞后误差 Hysteresis error	± 0.03%F.S	破坏负载 Breaking load	200%F.S
蠕变 (30分钟) Creep(30min)	± 0.02%F.S	额定激励电压 Nominal of range excitation	10~12 V DC
零点温度影响 TC ZERO	± 0.02%F.S/10°C	密封等级 Protection Class	IP65
灵敏度温度影响 TC SPAN	± 0.02%F.S/10°C	材料 Material	合金钢 Alloy steel
输入阻抗 Input resistance	400 ± 20Ω	电缆 Cable	Length=3m
输出阻抗 Output resistance	352 ± 5Ω	最大秤台尺寸 Max platform size	800x800mm

ZSP Load cell

ZSP



量程 (t)	H	H1	D	D1	NxΦD2
40-60	160	25	197	160	12xΦ22
100	230	40	240	200	12xΦ26
150-200	326	57	305	250	12xΦ32
300	358	69	415	360	16xΦ33

压测试场合、试验机
Compression testing situation, testing machine

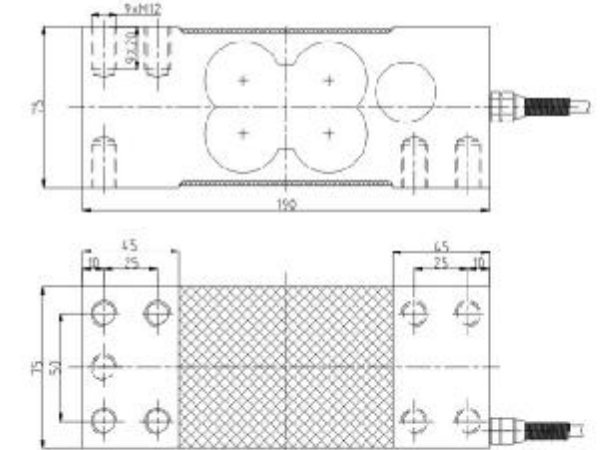
TECHNICAL PARAMETER

6Wires: Exc+(红, Red); Exc-(黑, Black); Sig+(绿, Green); Sig-(白, White); Sen+(蓝, Blue); Sen-(黄, Yellow)

额定载荷 Rated load	40、60、100、150、200、300t	绝缘电阻 Insulation resistance	≥ 5000 MΩ
精度等级 Accuracy class	C3	额定温度 Nominal Temp Range	-10~+40°C
灵敏度 Sensitivity	2.0 ± 0.01mV/V	工作温度范围 Service Temp Range	-30~+70°C
线性误差 Non-linearity	0.3%F.S	安全负载 Safe load limit	150%F.S
滞后误差 Hysteresis error	0.3%F.S	破坏负载 Breaking load	200%F.S
蠕变 (30分钟) Creep(30min)	± 0.05%F.S	额定激励电压 Nominal of range excitation	10~12 V DC
零点温度影响 TC ZERO	± 0.03%F.S/10°C	密封等级 Protection Class	IP67
灵敏度温度影响 TC SPAN	± 0.03%F.S/10°C	材料 Material	合金钢 Alloy Steel
输入阻抗 Input resistance	750 ± 10Ω	电缆 Cable	Length: 14m: 40t~100t 20m: 150t~300t
输出阻抗 Output resistance	702 ± 5Ω		

ILB Load cell

ILB



配料秤、包装秤、动态检测系统、台秤
Blending scale, packing scale, dynamic testing system, platform scale

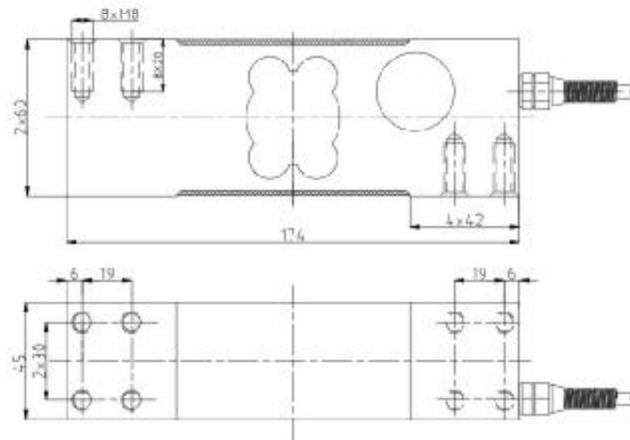
TECHNICAL PARAMETER

4Wires: Exc+(红, Red); Exc-(黑, Black); Sig+(绿, Green); Sig-(白, White)

额定载荷 Rated load	50, 100, 150, 200, 300, 500kg, 1t, 2t	绝缘电阻 Insulation resistance	≥ 5000 MΩ
精度等级 Accuracy class	0.03	额定温度 Nominal Temp Range	-10~+40°C
灵敏度 Sensitivity	2.0 ± 0.2mV/V	工作温度范围 Service Temp Range	-30~+70°C
线性误差 Non-linearity	± 0.03%F.S	安全负载 Safe load limit	150%F.S
滞后误差 Hysteresis error	± 0.03%F.S	破坏负载 Breaking load	200%F.S
蠕变 (30分钟) Creep(30min)	± 0.02%F.S	额定激励电压 Nominal of range excitation	10~12 V DC
零点温度影响 TC ZERO	± 0.02%F.S/10°C	密封等级 Protection Class	IP65
灵敏度温度影响 TC SPAN	± 0.02%F.S/10°C	材料 Material	合金钢 Alloy steel
输入阻抗 Input resistance	400 ± 20Ω	电缆 Cable	Length=3m
输出阻抗 Output resistance	352 ± 5Ω	最大秤台尺寸 Max platform size	600x800mm

ILE Load cell

ILE



台秤, 各种压式测力装置
Platform scale, all kinds of compression testing devices

TECHNICAL PARAMETER

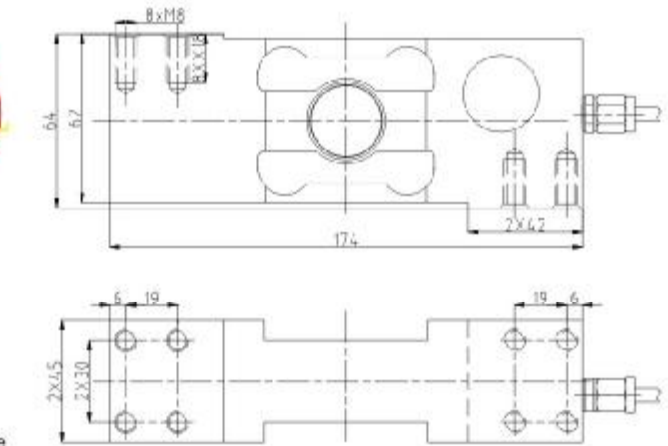
4Wires: Exc+(红, Red); Exc-(黑, Black); Sig+(绿, Green); Sig-(白, White)

额定载荷 Rated load	50, 100, 150, 200, 250, 300, 500, 800kg	绝缘电阻 Insulation resistance	≥5000 MΩ
精度等级 Accuracy class	0.03	额定温度 Nominal Temp Range	-10~+40℃
灵敏度 Sensitivity	2.0 ± 0.2mV/V	工作温度范围 Service Temp Range	-30~+70℃
线性误差 Non-linearity	± 0.03%F.S	安全负载 Safe load limit	150%F.S
滞后误差 Hysteresis error	± 0.03%F.S	破坏负载 Breaking load	200%F.S
蠕变 (30分钟) Creep(30min)	± 0.02%F.S	额定激励电压 Nominal of range excitation	10~12 V DC
零点温度影响 TC ZERO	± 0.02%F.S/10℃	密封等级 Protection Class	IP65
灵敏度温度影响 TC SPAN	± 0.02%F.S/10℃	材料 Material	合金钢 Alloy steel
输入阻抗 Input resistance	400 ± 20Ω	电缆 Cable	Length=3m
输出阻抗 Output resistance	352 ± 5Ω	最大秤台尺寸 Max. platform size	500x500mm



ILEC Load cell

ILEC



配料秤, 包装秤, 动态检测系统, 台秤
Blending scale, packing scale, dynamic testing system, platform scale

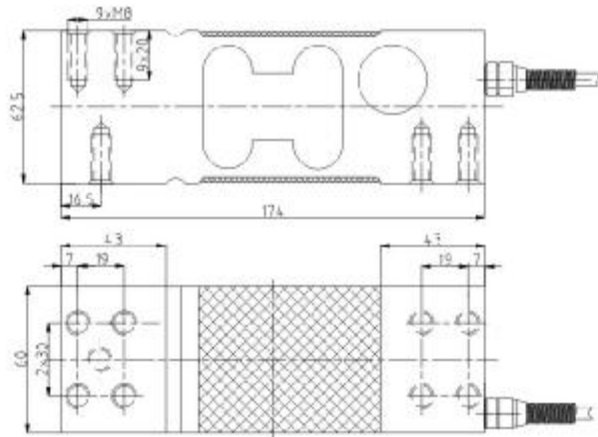
TECHNICAL PARAMETER

4Wires: Exc+(红, Red); Exc-(黑, Black); Sig+(绿, Green); Sig-(白, White)

额定载荷 Rated load	200, 300, 500, 800kg, 1t	绝缘电阻 Insulation resistance	≥5000 MΩ
精度等级 Accuracy class	0.03	额定温度 Nominal Temp Range	-10~+40℃
灵敏度 Sensitivity	2.0 ± 0.2mV/V	工作温度范围 Service Temp Range	-30~+70℃
线性误差 Non-linearity	± 0.03%F.S	安全负载 Safe load limit	150%F.S
滞后误差 Hysteresis error	± 0.03%F.S	破坏负载 Breaking load	200%F.S
蠕变 (30分钟) Creep(30min)	± 0.02%F.S	额定激励电压 Nominal of range excitation	10~12 V DC
零点温度影响 TC ZERO	± 0.02%F.S/10℃	密封等级 Protection Class	IP67
灵敏度温度影响 TC SPAN	± 0.02%F.S/10℃	材料 Material	不锈钢 Stainless steel
输入阻抗 Input resistance	400 ± 20Ω	电缆 Cable	Length=1.5m
输出阻抗 Output resistance	352 ± 5Ω	最大秤台尺寸 Max. platform size	600x600mm

ILEB Load cell

ILEB



配料秤, 包装秤, 动态检测系统, 台秤
Blending scale, packing scale, dynamic testing system, platform scale

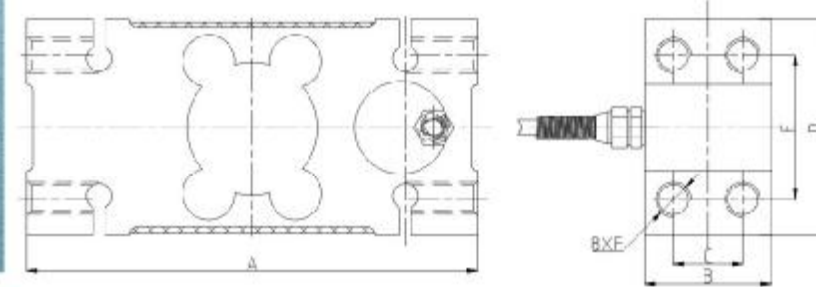
TECHNICAL PARAMETER

4Wires: Exc+(红, Red); Exc-(黑, Black); Sig+(绿, Green); Sig-(白, White)

额定载荷 Rated load	50, 100, 150, 200, 300, 500, 800kg, 1t	绝缘电阻 Insulation resistance	≥5000 MΩ
精度等级 Accuracy class	0.03	额定温度 Nominal Temp Range	-10~+40℃
灵敏度 Sensitivity	2.0 ± 0.2mV/V	工作温度范围 Service Temp Range	-30~+70℃
线性误差 Non-linearity	± 0.03%F.S	安全负载 Safe load limit	150%F.S
滞后误差 Hysteresis error	± 0.03%F.S	破坏负载 Breaking load	200%F.S
蠕变 (30分钟) Creep(30min)	± 0.02%F.S	额定激励电压 Nominal of range excitation	10~12 V DC
零点温度影响 TC ZERO	± 0.02%F.S/10℃	密封等级 Protection Class	IP65
灵敏度温度影响 TC SPAN	± 0.02%F.S/10℃	材料 Material	合金钢 Alloy steel
输入阻抗 Input resistance	400 ± 20Ω	电缆 Cable	Length=3m
输出阻抗 Output resistance	352 ± 5Ω	最大秤台尺寸 Max. platform size	600x600mm

ILGB Load cell

ILGB



配料秤, 包装秤, 动态检测系统, 台秤
Blending scale, packing scale, dynamic testing system, platform scale

TECHNICAL PARAMETER

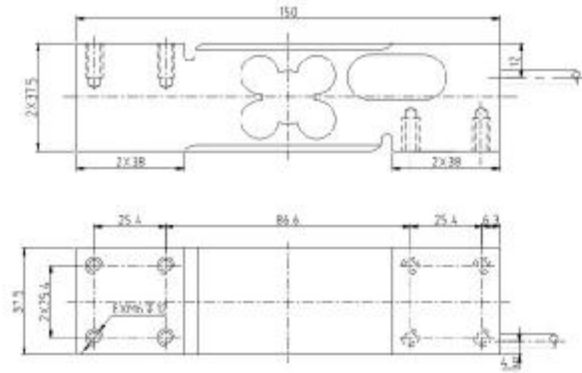
4Wires: Exc+(红, Red); Exc-(黑, Black); Sig+(绿, Green); Sig-(白, White)

额定载荷 Rated load	50, 100, 150, 200, 250, 300, 500, 750kg, 1t, 2t	绝缘电阻 Insulation resistance	≥5000 MΩ
精度等级 Accuracy class	0.03	额定温度 Nominal Temp Range	-10~+40℃
灵敏度 Sensitivity	2.0 ± 0.2mV/V	工作温度范围 Service Temp Range	-30~+70℃
线性误差 Non-linearity	± 0.03%F.S	安全负载 Safe load limit	150%F.S
滞后误差 Hysteresis error	± 0.03%F.S	破坏负载 Breaking load	200%F.S
蠕变 (30分钟) Creep(30min)	± 0.02%F.S	额定激励电压 Nominal of range excitation	10~12 V DC
零点温度影响 TC ZERO	± 0.02%F.S/10℃	密封等级 Protection Class	IP65
灵敏度温度影响 TC SPAN	± 0.02%F.S/10℃	材料 Material	合金钢 Alloy steel
输入阻抗 Input resistance	400 ± 20Ω	电缆 Cable	Length=3m
输出阻抗 Output resistance	352 ± 5Ω	最大秤台尺寸 Max. platform size	400x400mm(50~200kg) 600x800mm(250~750kg) 1000x1000mm(1~2t)

额定载荷 Rated load	A	B	C	C	E	F
50-200kg	156	44	24	75	50	M12
250-750kg	140	90	50	95	70	M12
1t-2t	176	76	46	125	95	M16



AMI



各种台秤
All kinds of platform scales,

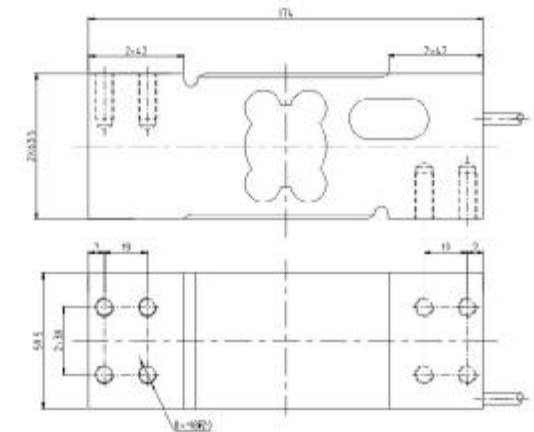
TECHNICAL PARAMETER

4Wires:Exc+(红,Red);Exc-(黑,Black);Sig+(绿,Green);Sig-(白,White)

额定载荷Rated load	50,60,100,150,200,250,300,500kg	绝缘电阻Insulation resistance	≥2000 MΩ
精度等级 Accuracy class	C3	额定温度 Nominal Temp Range	-10~+40℃
灵敏度Sensitivity	2.0 ± 0.2mV/V	工作温度范围Service Temp Range	-20~+50℃
蠕变 (30分钟) Creep(30min)	± 166ppm	安全负载Safe load limit	150%F.S
零点平衡Zero balance	± 3%Emax	破坏负载Breaking load	200%F.S
零点温度影响TC ZERO	± 17.5ppm/℃	额定激励电压Nominal of range excitation	10~12V DC
灵敏度温度影响TC SPAN+20~+40℃	± 17.5ppm/℃	密封等级Protection Class	IP65
灵敏度温度影响TC SPAN-10~+20℃	± 11.67ppm/℃	材料Material	铝合金 Aluminium
输入阻抗Input resistance	404 ± 15Ω	电缆Cable	Length:1.8m
输出阻抗Output resistance	350 ± 3Ω	推荐最大安装台面Max platform size	400X400mm



UDA



台秤、各种压式测力装置
Platform scale, all kinds of compression testing devices

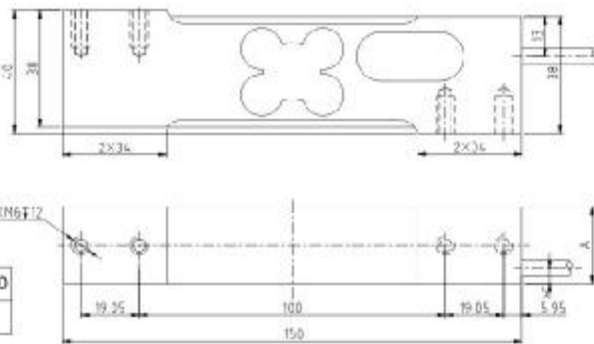
TECHNICAL PARAMETER

4Wires:Exc+(红,Red);Exc-(黑,Black);Sig+(绿,Green);Sig-(白,White)

额定载荷Rated load	50,60,75,100,150,200,250,300,350,500,600,835,750,800,1000kg	绝缘电阻Insulation resistance	≥2000 MΩ
精度等级 Accuracy class	C3	额定温度 Nominal Temp Range	-10~+40℃
灵敏度Sensitivity	2.0 ± 0.2mV/V	工作温度范围Service Temp Range	-20~+50℃
蠕变 (30分钟) Creep(30min)	± 166ppm	安全负载Safe load limit	150%F.S
零点平衡Zero balance	± 3%Emax	破坏负载Breaking load	200%F.S
零点温度影响TC ZERO	± 17.5ppm/℃	额定激励电压Nominal of range excitation	10~12V DC
灵敏度温度影响TC SPAN+20~+40℃	± 17.5ppm/℃	密封等级Protection Class	IP65
灵敏度温度影响TC SPAN-10~+20℃	± 11.67ppm/℃	材料Material	铝合金 Aluminium
输入阻抗Input resistance	404 ± 15Ω	电缆Cable	Length:1.8m
输出阻抗Output resistance	350 ± 3Ω	推荐最大安装台面Max platform size	600X600mm



AMIB



各种台秤
All kinds of platform scale

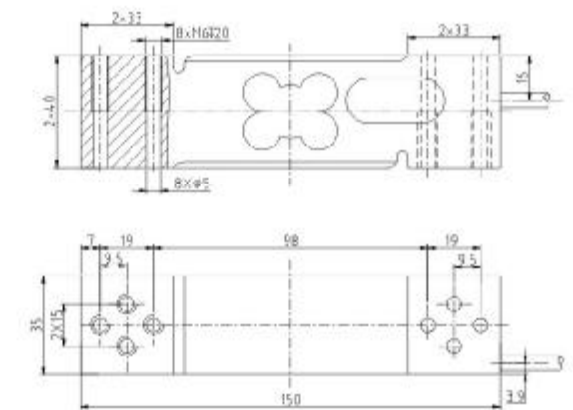
TECHNICAL PARAMETER

4Wires:Exc+(红,Red);Exc-(黑,Black);Sig+(绿,Green);Sig-(白,White)

额定载荷Rated load	8,10,15,20,30,50,60,75,100,150,200kg	绝缘电阻Insulation resistance	≥2000 MΩ
精度等级 Accuracy class	C3	额定温度 Nominal Temp Range	-10~+40℃
灵敏度Sensitivity	2.0 ± 0.2mV/V	工作温度范围Service Temp Range	-20~+50℃
蠕变 (30分钟) Creep(30min)	± 166ppm	安全负载Safe load limit	150%F.S
零点平衡Zero balance	± 3%Emax	破坏负载Breaking load	200%F.S
零点温度影响TC ZERO	± 17.5ppm/℃	额定激励电压Nominal of range excitation	10~12V DC
灵敏度温度影响TC SPAN+20~+40℃	± 17.5ppm/℃	密封等级Protection Class	IP65
灵敏度温度影响TC SPAN-10~+20℃	± 11.67ppm/℃	材料Material	铝合金 Aluminium
输入阻抗Input resistance	404 ± 15Ω	电缆Cable	Length:1.8m
输出阻抗Output resistance	350 ± 3Ω	推荐最大安装台面Max platform size	300X400mm



UDB



台秤、各种压式测力装置
Platform scale, all kinds of compression testing devices

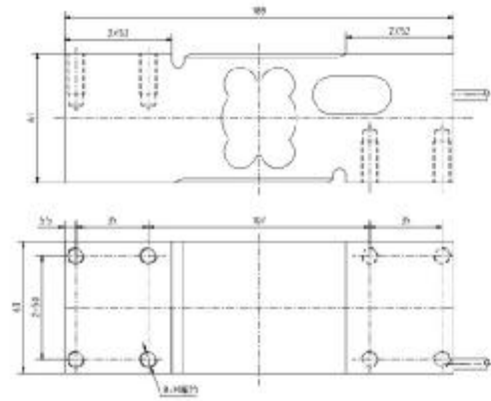
TECHNICAL PARAMETER

4Wires:Exc+(红,Red);Exc-(黑,Black);Sig+(绿,Green);Sig-(白,White)

额定载荷Rated load	15,20,30,35,50,60,100,150,200,250,300,500kg	绝缘电阻Insulation resistance	≥2000 MΩ
精度等级 Accuracy class	C3	额定温度 Nominal Temp Range	-10~+40℃
灵敏度Sensitivity	2.0 ± 0.2mV/V	工作温度范围Service Temp Range	-20~+50℃
蠕变 (30分钟) Creep(30min)	± 166ppm	安全负载Safe load limit	150%F.S
零点平衡Zero balance	± 3%Emax	破坏负载Breaking load	200%F.S
零点温度影响TC ZERO	± 17.5ppm/℃	额定激励电压Nominal of range excitation	10~12V DC
灵敏度温度影响TC SPAN+20~+40℃	± 17.5ppm/℃	密封等级Protection Class	IP65
灵敏度温度影响TC SPAN-10~+20℃	± 11.67ppm/℃	材料Material	铝合金 Aluminium
输入阻抗Input resistance	404 ± 15Ω	电缆Cable	Length:1.8m
输出阻抗Output resistance	350 ± 5Ω	推荐最大安装台面Max platform size	400X400mm



UDJ



台秤、各种压式测力场合
Platform scale, compression testing situations

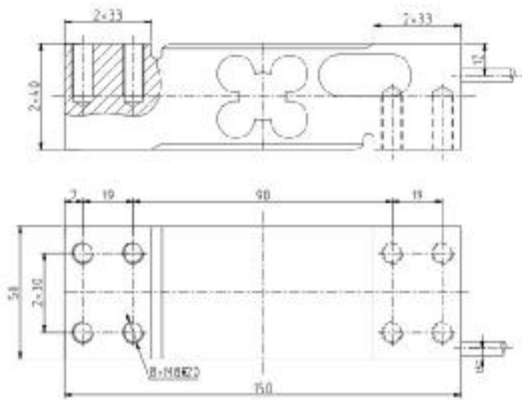
TECHNICAL PARAMETER

4Wires:Exc+(红,Red);Exc-(黑,Black);Sig+(绿,Green);Sig-(白,White)

额定载荷Rated load	30,50,75,100,150,200,250,300,400,500,635,750,800,1000kg	绝缘电阻Insulation resistance	≥2000 MΩ
精度等级 Accuracy class	C3	额定温度 Nominal Temp Range	-10~+40℃
灵敏度Sensitivity	2.0 ± 0.2mV/V	工作温度范围Service Temp Range	-20~+50℃
蠕变 (30分钟) Creep(30min)	± 166ppm	安全负载Safe load limit	150%F.S
零点平衡Zero balance	± 3%Emax	破坏负载Breaking load	200%F.S
零点温度影响TC ZERO	± 17.5ppm/℃	额定激励电压Nominal of range excitation	10~12V DC
灵敏度温度影响TC SPAN+20~+40℃	± 17.5ppm/℃	密封等级Protection Class	IP65
灵敏度温度影响TC SPAN-10~+20℃	± 11.67ppm/℃	材料Material	铝合金 Aluminium
输入阻抗Input resistance	404 ± 15Ω	电缆Cable	Length:1.8m
输出阻抗Output resistance	350 ± 5Ω	推荐最大安装台面Max.platform size	Diameter: Φ5mm 600X800mm



UDN



台秤、各种压式测力装置
Platform scale, all kinds of compression testing devices

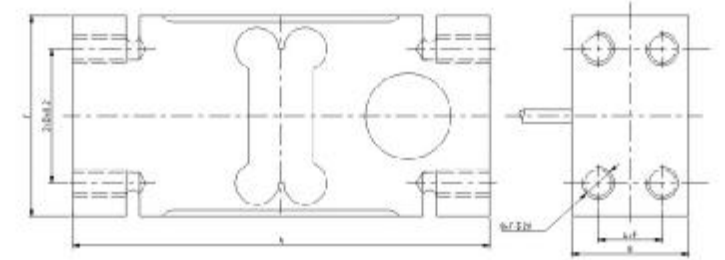
TECHNICAL PARAMETER

4Wires:Exc+(红,Red);Exc-(绿,Green);Sig+(黑,Black) Sig-(白,White)

额定载荷Rated load	50,60,100,150,200,250,300,400,500kg	绝缘电阻Insulation resistance	≥2000 MΩ
精度等级 Accuracy class	C3	额定温度 Nominal Temp Range	-10~+40℃
灵敏度Sensitivity	2.0 ± 0.2mV/V	工作温度范围Service Temp Range	-20~+50℃
蠕变 (30分钟) Creep(30min)	± 166ppm	安全负载Safe load limit	150%F.S
零点平衡Zero balance	± 3%Emax	破坏负载Breaking load	200%F.S
零点温度影响TC ZERO	± 17.5ppm/℃	额定激励电压Nominal of range excitation	10~12V DC
灵敏度温度影响TC SPAN+20~+40℃	± 17.5ppm/℃	密封等级Protection Class	IP65
灵敏度温度影响TC SPAN-10~+20℃	± 11.67ppm/℃	材料Material	铝合金 Aluminium
输入阻抗Input resistance	404 ± 15Ω	电缆Cable	Length:1.8m
输出阻抗Output resistance	350 ± 5Ω	推荐最大安装台面Max.platform size	Diameter: Φ5mm 500X500mm



XSB



台秤、各种压式测力装置
Platform scale, all kinds of compression testing devices

TECHNICAL PARAMETER

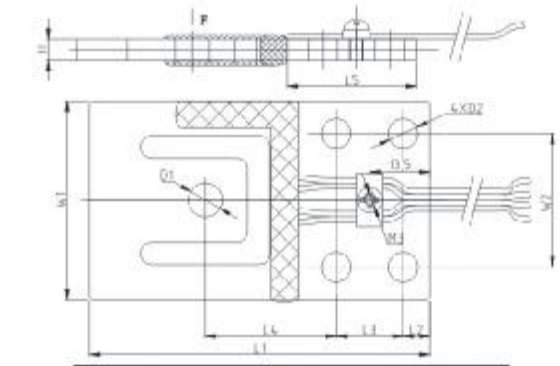
4Wires:Exc+(红,Red);Exc-(黑,Black);Sig+(绿,Green);Sig-(白,White)

额定载荷Rated load	50,100,200,300,500,750kg,1t,2t	额定温度 Nominal Temp Range	-10~+40℃
精度等级 Accuracy class	0.03%F.S	工作温度范围Service Temp Range	-20~+50℃
灵敏度Sensitivity	2.0 ± 0.2mV/V	安全负载Safe load limit	150%F.S
蠕变 (30分钟) Creep(30min)	± 166ppm	破坏负载Breaking load	200%F.S
零点平衡Zero balance	± 3%Emax	额定激励电压Nominal of range excitation	10~12V DC
零点温度影响TC ZERO	± 17.5ppm/℃	密封等级Protection Class	IP65
灵敏度温度影响TC SPAN+20~+40℃	± 17.5ppm/℃	材料Material	铝合金 Aluminium
灵敏度温度影响TC SPAN-10~+20℃	± 11.67ppm/℃	电缆Cable	Length:3m Diameter: Φ5mm
输入阻抗Input resistance	404 ± 15Ω	推荐最大安装台面Max.platform size	600X600mm(50~200kg) 600X800mm(300~500kg) 1200X1200mm(750kg~2t)
输出阻抗Output resistance	350 ± 3Ω		
绝缘电阻Insulation resistance	≥2000 MΩ		

量程(kg)	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)
50-200	156	44	75	50	24	M12
300-500	146	59	94	70	36	M12
750-2000	175	75	124	95	45	M16



PB(B)



台秤、各种压式测力装置
Platform scale, all kinds of compression testing devices

TECHNICAL PARAMETER

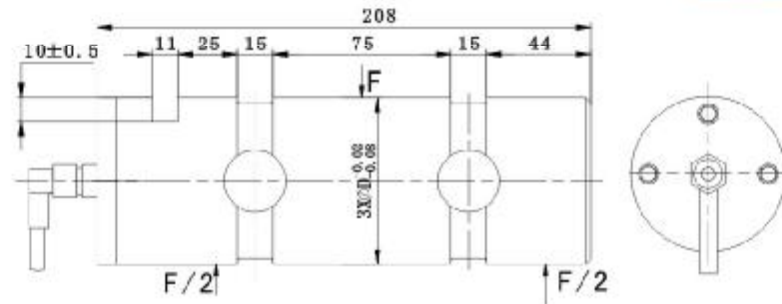
4Wires:Exc+(红,Red);Exc-(黑,Black);Sig+(绿,Green);Sig-(白,White)

额定载荷Rated load	3.75,7.5,15,37.5,75,150,375kg	绝缘电阻Insulation resistance	≥2000 MΩ
灵敏度Sensitivity	0.9 ± 0.2mV/V	工作温度范围Service Temp Range	-20~+50℃
综合误差Total error	± 0.05%F.S	安全负载Safe load limit	150%F.S
蠕变 (30分钟) Creep(30min)	250ppm	破坏负载Breaking load	200%F.S
零点平衡Zero balance	± 10%F.S	额定激励电压Nominal of range excitation	10~12V DC
零点温度影响TC ZERO	± 0.03%F.S/10℃	密封等级Protection Class	IP65
灵敏度温度影响TC SPAN	± 0.03%F.S/10℃	材料Material	铝合金 Aluminium
输入阻抗Input resistance	1220 ± 20Ω	电缆Cable	Length:四色排线, 0.5m
输出阻抗Output resistance	1002 ± 5Ω		

量程(kg)	L1	L2	L3	L4	L5	W1	W2	r	D1	D2
3.75	70	6.9	14	26	23.7	38	27.6	0.3	Φ6.1	Φ5.1
7.5	70	8.9	14	26	23.7	38	27.6	0.3	Φ6.1	Φ5.1
15	70	8	15	26.5	27	32.5	30	3.2	Φ7.6	Φ6.6
37.5	84.4	8.4	15	34	27.7	34.8	34	3.4	Φ8.1	Φ7.1
75	107.3	7.8	22.9	45.9	38.4	50.9	44.5	7.1	Φ8.1	Φ7.1
375	119.4	9.1	25.4	62.6	41.7	70.1	63.9	12.7	Φ9	Φ8.9



XZBMK



量程	D
7t, 10t	65
20t, 25t	70

起重机, 塔机
crane, tower crane

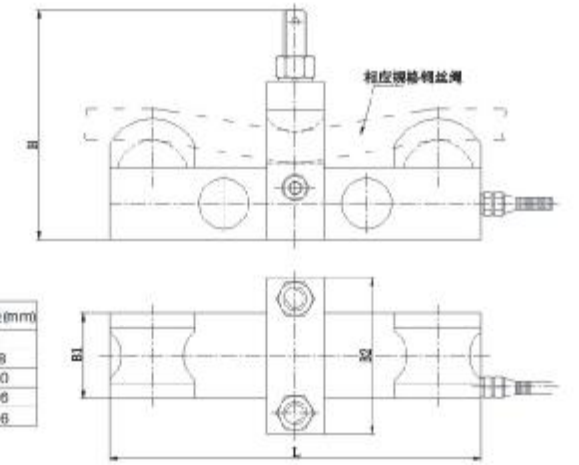
TECHNICAL PARAMETER

4Wires: Exc+(褐, Brown); Exc-(黑, Black); Sig+(蓝, Blue); Sig-(白, White)

额定载荷 Rated load	7, 10, 20, 25t	绝缘电阻 Insulation resistance	≥5000 MΩ
精度等级 Accuracy class	0.5	额定温度 Nominal Temp Range	-10~+40℃
灵敏度 Sensitivity	1.0 ± 0.1mV/V	工作温度范围 Service Temp Range	-20~+60℃
线性误差 Non-linearity	0.5%F.S	安全负载 Safe load limit	150%F.S
滞后误差 Hysteresis error	0.5%F.S	破坏负载 Breaking load	300%F.S
蠕变 (30分钟) Creep(30min)	±0.1%F.S	额定激励电压 Nominal of range excitation	10~12 V DC
零点温度影响 TC ZERO	±0.05%F.S/10℃	密封等级 Protection Class	IP67
灵敏度温度影响 TC SPAN	±0.1%F.S/10℃	材料 Material	不锈钢 Stainless Steel
输入阻抗 Input resistance	750 ± 50Ω	电缆 Cable	Length: 12m
输出阻抗 Output resistance	702 ± 3Ω		



SCNB



钢丝绳张力(t)	H	B1	B2	L	钢丝绳直径(mm)
1					6-14
2	95.8	40	60	180	10-18
3					12-20
5	135.5	40	75	200	16-26
10	174	60	110	260	24-36



应用于钢丝绳过载, 超限控制
Steel rope overload alarming overload limit control

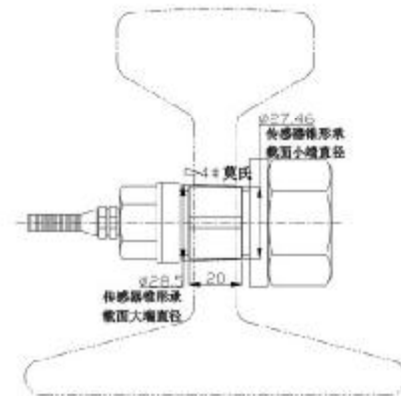
TECHNICAL PARAMETER

4Wires: Exc+(红, Red); Exc-(黑, Black); Sig+(绿, Green); Sig-(白, White)

额定载荷 Rated load	1, 2, 3, 5, 10t	工作温度范围 Service Temp Range	-30~+60℃
灵敏度 Sensitivity	1.0 ± 0.1mV/V	安全负载 Safe load limit	120%F.S
综合误差 Total error	±0.5%F.S	破坏负载 Breaking load	150%F.S
蠕变 (30分钟) Creep(30min)	±0.1%F.S	额定激励电压 Nominal of range excitation	10~12 V DC
零点平衡 Zero balance	±1%F.S	最大激励电压 Maximum excitation	15 V DC
零点温度影响 TC ZERO	±0.1%F.S/10℃	密封等级 Protection Class	IP67
灵敏度温度影响 TC SPAN	±0.1%F.S/10℃	材料 Material	合金钢 Alloy Steel
输入阻抗 Input resistance	750 ± 50Ω	电缆 Cable	Length: 0.5m
输出阻抗 Output resistance	702 ± 3Ω		Diameter: Φ6mm
绝缘电阻 Insulation resistance	≥5000 MΩ		



XZFL



轨道衡及各种专用衡器

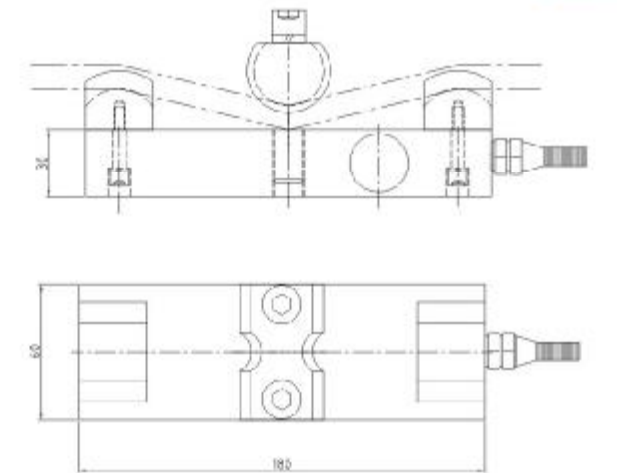
TECHNICAL PARAMETER

Wires: Sen+(蓝, Blue); Sig+(白, White); Exc-(黑, Black); Sig-(红, Red)

额定载荷 Rated load	20t	绝缘电阻 Insulation resistance	≥5000 MΩ
精度等级 Accuracy class	1	额定温度 Nominal Temp Range	-10~+40℃
灵敏度 Sensitivity	1.44 ± 0.05mV/V	工作温度范围 Service Temp Range	-30~+70℃
线性误差 Non-linearity	±1%F.S	安全负载 Safe load limit	150%F.S
滞后误差 Hysteresis error	±1%F.S	破坏负载 Breaking load	200%F.S
蠕变 (30分钟) Creep(30min)	±0.1%F.S	额定激励电压 Nominal of range excitation	10~12 V DC
零点温度影响 TC ZERO	±0.1%F.S/10℃	密封等级 Protection Class	IP67
灵敏度温度影响 TC SPAN	±0.1%F.S/10℃	材料 Material	不锈钢 Stainless steel
输入阻抗 Input resistance	400 ± 20Ω	电缆 Cable	Length: 14m
输出阻抗 Output resistance	352 ± 3Ω		



SCNEB



应用于钢丝绳过载, 超限控制
Steel rope overload alarming overload limit control

TECHNICAL PARAMETER

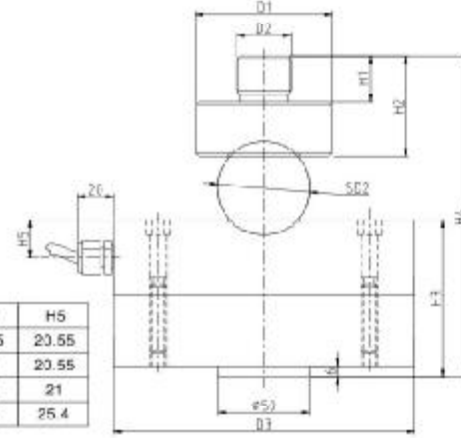
4Wires: Exc+(红, Red); Exc-(黑, Black); Sig+(绿, Green); Sig-(白, White)

额定载荷 Rated load	1, 2, 3, 5t	输出阻抗 Output resistance	352 ± 3Ω
精度等级 Accuracy class	0.5	绝缘电阻 Insulation resistance	≥5000 MΩ
灵敏度 Sensitivity	0.7 ± 0.1mV/V	工作温度范围 Service Temp Range	-30~+70℃
线性误差 Non-linearity	±0.5%F.S	安全负载 Safe load limit	150%F.S
滞后误差 Hysteresis error	±0.5%F.S	破坏负载 Breaking load	200%F.S
蠕变 (30分钟) Creep(30min)	±0.05%F.S	额定激励电压 Nominal of range excitation	10~12 V DC
零点温度影响 TC ZERO	±0.1%F.S/10℃	密封等级 Protection Class	IP67
灵敏度温度影响 TC SPAN	±0.1%F.S/10℃	材料 Material	合金钢 Alloy Steel
输入阻抗 Input resistance	400 ± 50Ω	电缆 Cable	Length: 0.3m



LFS

额定载荷 (t)	D1	D2	D3	D4	H1	H2	H3	H4	H5
10	φ50	φ40	φ138	M20X1.5	17	35	74	134.5	23.55
20, 25	φ55	φ40	φ165	M24X1.5	25	50	87	161	23.55
30	φ75	φ60.8	φ165	M30X1.5	25	55	86	176	21
40	φ85	φ76.2	φ165	M40X1.5	25	65	95.8	221	25.4



仓储秤、实验机
warehouse scale, experimental machine

TECHNICAL PARAMETER

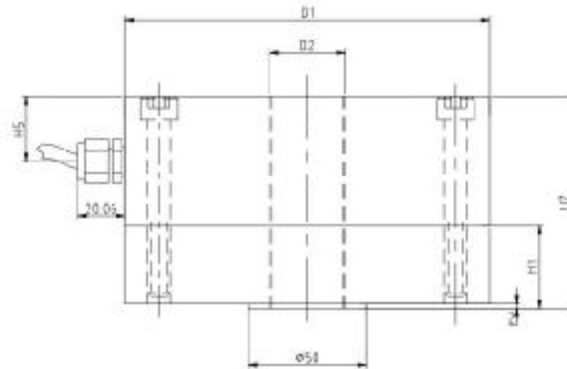
4Wires:Exc+(红,Red);Exc-(黑,Black);Sig+(绿,Green);Sig-(白,White)

额定载荷 Rated load	10、20、25、30、40t	输出阻抗 Output resistance	352 ± 3 Ω
精度等级 Accuracy class	0.05 (10~25t) 0.1 (30~40t)	绝缘电阻 Insulation resistance	≥5000 MΩ
灵敏度 Sensitivity	3.0 ± 0.005mV/V	额定温度 Nominal Temp Range	-10~+40℃
线性误差 Non-linearity	±0.05% (10~25t) F.S ±0.1% (30~40t) F.S	工作温度范围 Service Temp Range	-30~+70℃
滞后误差 Hysteresis error	±0.05% (10~25t) F.S ±0.1% (30~40t) F.S	安全负载 Safe load limit	120%F.S
蠕变 (30分钟) Creep(30min)	±0.02%F.S	破坏负载 Breaking load	150%F.S
零点温度影响 TC ZERO	±0.02%F.S/10℃	额定激励电压 Nominal of range excitation	10~12V DC
灵敏度温度影响 TC SPAN	±0.02%F.S/10℃	密封等级 Protection Class	IP67
输入阻抗 Input resistance	400 ± 20 Ω	材料 Material	合金钢 Alloy Steel
		电缆 Cable	Length: 12m



LFSC

额定载荷 (t)	D1	D2	H1	H2	H5
1, 2, 3	φ105	M14X2	25	70	22.5
5	φ120	M20X1.5	30	80	25
10, 20	φ155	M32X2	35	90	27.5



仓储秤、实验机
warehouse scale, experimental machine

TECHNICAL PARAMETER

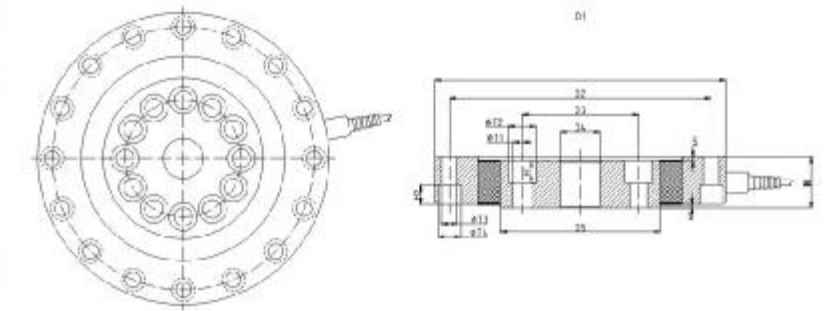
4Wires:Exc+(红,Red);Exc-(黑,Black);Sig+(绿,Green);Sig-(白,White)

额定载荷 Rated load	1, 2, 3, 5, 10, 20t	输出阻抗 Output resistance	352 ± 3 Ω
精度等级 Accuracy class	0.05 (1~5t) 0.2 (10~20t)	绝缘电阻 Insulation resistance	≥5000 MΩ
灵敏度 Sensitivity	3.0 ± 0.006mV/V	额定温度 Nominal Temp Range	-10~+40℃
线性误差 Non-linearity	±0.05 (1~5t) F.S ±0.1 (10~20t) F.S	工作温度范围 Service Temp Range	-30~+70℃
滞后误差 Hysteresis error	±0.05 (1~5t) F.S ±0.2 (10~20t) F.S	安全负载 Safe load limit	150%F.S
蠕变 (30分钟) Creep(30min)	±0.05%F.S	破坏负载 Breaking load	200%F.S
零点温度影响 TC ZERO	±0.02%F.S/10℃	额定激励电压 Nominal of range excitation	10~12V DC
灵敏度温度影响 TC SPAN	±0.02%F.S/10℃	密封等级 Protection Class	IP67
输入阻抗 Input resistance	400 ± 20 Ω	材料 Material	合金钢 Alloy Steel
		电缆 Cable	Length: 12m



LFSME Load cell

LFSME



量程(t)	D1	D2	D3	D4	D5	T1	T2	H1	T3	T4	H2	H
30	φ260	φ225	φ100	φ60	φ139	8x121	3x132	22	15x117	16x127	18	60
50, 60, 100, 120	φ400	φ360	φ160	φ55	φ220	12x125	12x138	31	15x142	16x152	27	70

实验机
Experimental machine

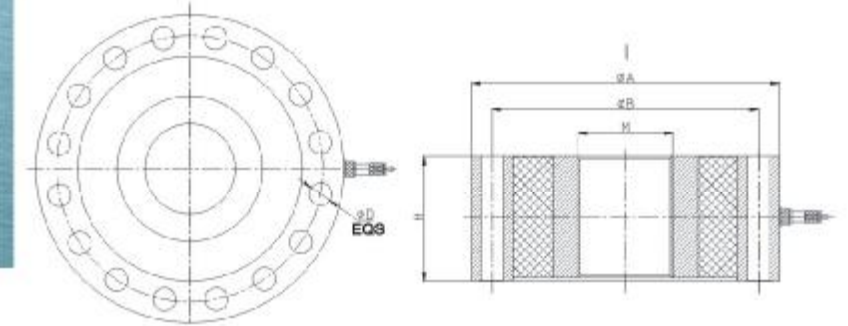
TECHNICAL PARAMETER

4Wires:Exc+(红,Red);Exc-(黑,Black);Sig+(绿,Green);Sig-(白,White)

额定载荷 Rated load	30、50、60、100、120t	绝缘电阻 Insulation resistance	≥5000 MΩ
精度等级 Accuracy class	0.3	额定温度 Nominal Temp Range	-10~+40℃
灵敏度 Sensitivity	2.0 ± 0.005mV/V	工作温度范围 Service Temp Range	-30~+70℃
线性误差 Non-linearity	±0.3%F.S	安全负载 Safe load limit	150%F.S
滞后误差 Hysteresis error	±0.3%F.S	破坏负载 Breaking load	200%F.S
蠕变 (30分钟) Creep(30min)	±0.05%F.S	额定激励电压 Nominal of range excitation	10~12 V DC
零点温度影响 TC ZERO	±0.03%F.S/10℃	密封等级 Protection Class	IP66
灵敏度温度影响 TC SPAN	±0.05%F.S/10℃	材料 Material	合金钢 Alloy Steel
输入阻抗 Input resistance	400 ± 20 Ω	电缆 Cable	Length: 14m
输出阻抗 Output resistance	352 ± 3 Ω		



LFSU



量程	A	B	C	H	M	综合误差 Total Error
1.5	φ113	φ97	φ70	35	M21X2	0.05%F.S
10~20	φ115	φ130	φ110	45	M31X2	0.2%F.S
30	φ180	φ150	φ130	58	M42X2	0.2%F.S
50~60	φ205	φ165	φ130	64	M42X3	0.5%F.S
150	φ230	φ228	φ130	95	M73X2	1%F.S
200	φ240	φ250	φ200	120	M93X3	1%F.S
300	φ346	φ282	φ200	180	M120X3	1%F.S
500	φ378	φ305	φ280	180	M130X4	1%F.S

实验机
Experimental machine

TECHNICAL PARAMETER

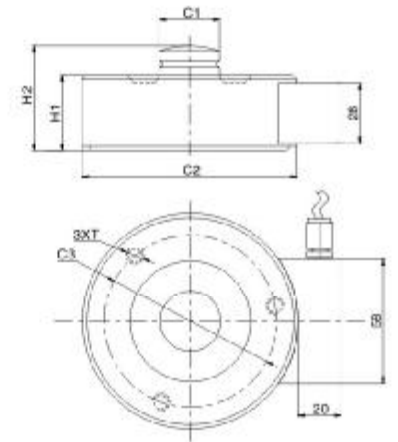
4Wires:Exc+(红,Red);Exc-(黑,Black);Sig+(绿,Green);Sig-(白,White)

额定载荷 Rated load	见表	工作温度范围 Service Temp Range	-30~+70℃
灵敏度 Sensitivity	2.0 ± 0.02mV/V	安全负载 Safe load limit	150%F.S
综合误差 Total error	见表	破坏负载 Breaking load	200%F.S
蠕变 (30分钟) Creep(30min)	±0.05%F.S	额定激励电压 Nominal of range excitation	10~12 V DC
零点平衡 Zero balance	±1%F.S	最大激励电压 Maximum excitation	15 V DC
零点温度影响 TC ZERO	±0.05%F.S/10℃	密封等级 Protection Class	IP67
灵敏度温度影响 TC SPAN	±0.05%F.S/10℃	材料 Material	合金钢 Alloy Steel
输入阻抗 Input resistance	750 ± 10 Ω	电缆 Cable	Length: 8m
输出阻抗 Output resistance	703 ± 3 Ω		Diameter: φ5mm
绝缘电阻 Insulation resistance	≥5000 MΩ		



YBSCN

YBSCN Load cell

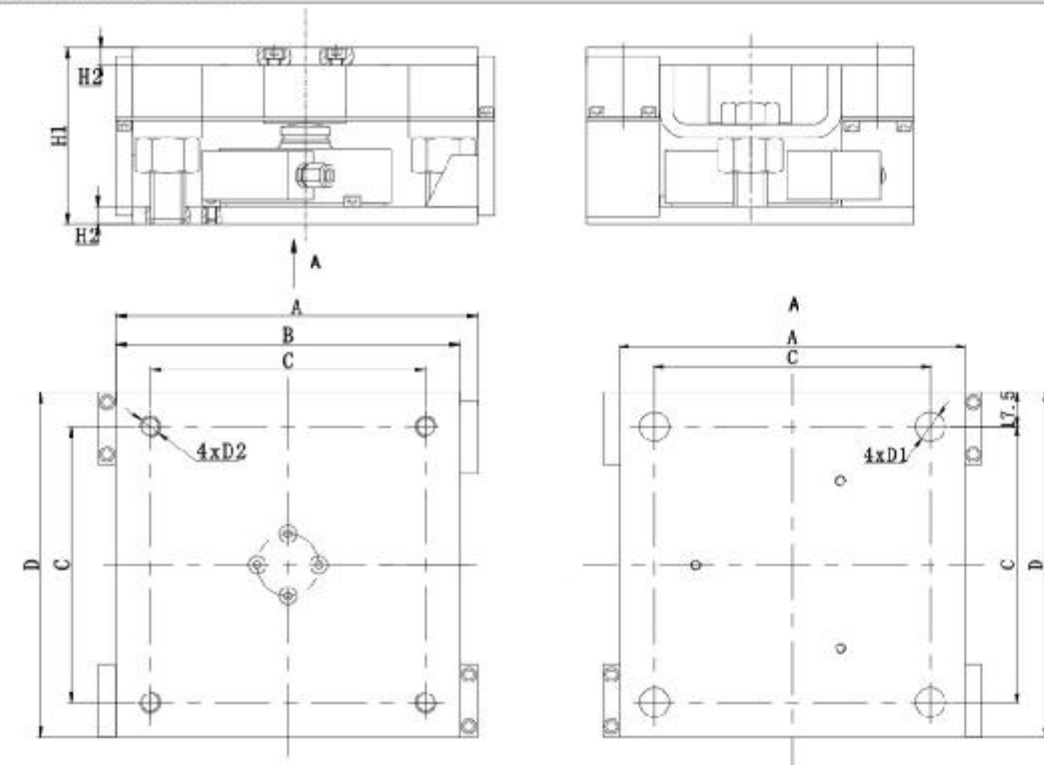


量程	C1	C2	C3	H1	H2	T
2.5t-10t	22	82	65	32	44	M6x8
15t-20t	28	100	80	35	48.5	M6x10

仓储秤
warehouse scale

TECHNICAL PARAMETER

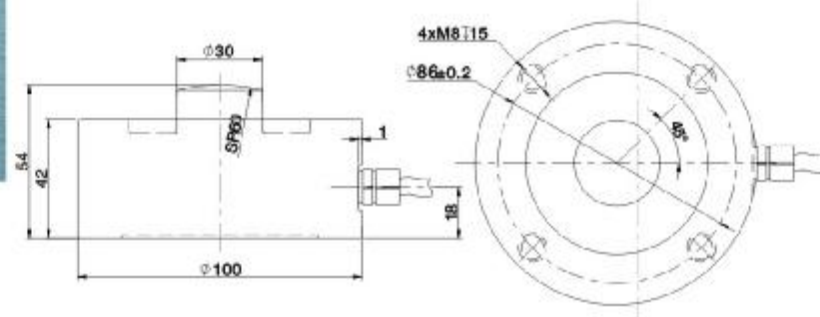
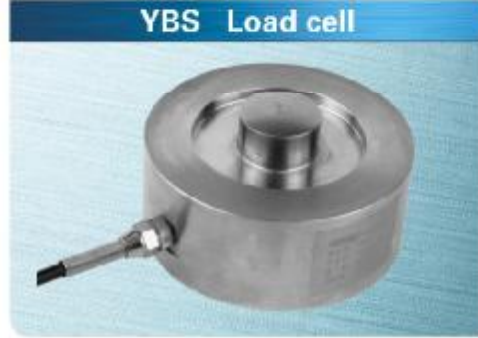
4Wires:Exc+(红,Red);Exc-(黑,Black);Sig+(绿,Green);Sig-(白,White)		4Wires:Exc+(红,Red);Exc-(黑,Black);Sig+(绿,Green);Sig-(白,White)	
额定载荷Rated load	2.5、5、7.5、10、15、20t	绝缘电阻Insulation resistance	≥5000 MΩ
精度等级 Accuracy class	0.05	额定温度 Nominal Temp Range	-10~+40℃
灵敏度Sensitivity	2.0±0.01mV/V	工作温度范围Service Temp Range	-30~+70℃
线性误差 Non-linearity	±0.05%F.S	安全负载Safe load limit	150%F.S
滞后误差 Hysteresis error	±0.05%F.S	破坏负载Breaking load	200%F.S
蠕变 (30分钟) Creep(30min)	±0.03%F.S	额定激励电压Nominal of range excitation	10~12 V DC
零点温度影响TC ZERO	±0.02%F.S/10℃	密封等级Protection Class	IP68
灵敏度温度影响TC SPAN	±0.02%F.S/10℃	材料Material	不锈钢Stainless steel
输入阻抗Input resistance	750±10Ω	电缆Cable	Length:5m
输出阻抗Output resistance	702±5Ω		



量程(t)	A	B	C	D	H1	H2	D1	D2
2.5t-10t	185	175	115	150	95	10	φ14	M12
15t-20t	210	200	160	200	102	10	φ17	M12

YBS

YBS Load cell



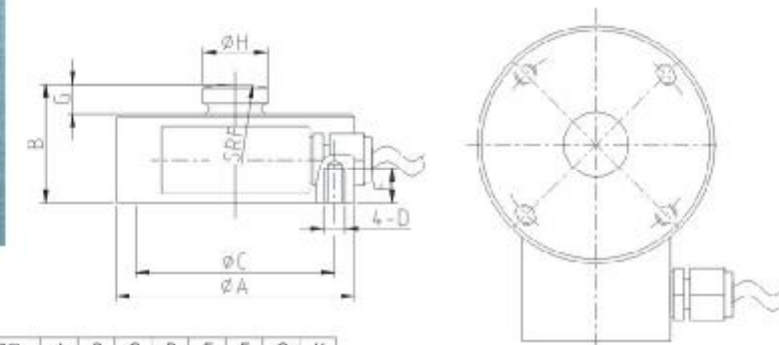
料罐秤、各种压式测力场合
Hopper scale, compression testing situatio

TECHNICAL PARAMETER

4Wires:Exc+(红,Red);Exc-(黑,Black);Sig+(绿,Green);Sig-(白,White)		4Wires:Exc+(红,Red);Exc-(黑,Black);Sig+(绿,Green);Sig-(白,White)	
额定载荷Rated load	1、2、3、5、7.5、10t	绝缘电阻Insulation resistance	≥5000 MΩ
精度等级 Accuracy class	0.1	额定温度 Nominal Temp Range	-10~+40℃
灵敏度Sensitivity	2.0±0.01mV/V	工作温度范围Service Temp Range	-30~+70℃
线性误差 Non-linearity	±0.1%F.S	安全负载Safe load limit	150%F.S
滞后误差 Hysteresis error	±0.1%F.S	破坏负载Breaking load	200%F.S
蠕变 (30分钟) Creep(30min)	±0.05%F.S	额定激励电压Nominal of range excitation	10~12 V DC
零点温度影响TC ZERO	±0.02%F.S/10℃	密封等级Protection Class	IP68
灵敏度温度影响TC SPAN	±0.05%F.S/10℃	材料Material	合金钢 Alloy Steel
输入阻抗Input resistance	750±10Ω	不锈钢Stainless steel	
输出阻抗Output resistance	702±5Ω	电缆Cable	Length:8m

YBSC

YBSC Load cell



量程(t)	A	B	C	D	E	F	G	H
0.05-1	50	30	42	M5	7	80	7	13
2-5	90	48	70	M10	12	100	12.5	25
10-25	115	60	90	M12	16	160	12.5	32
50	155	80	125	M16	20	300	15.5	44

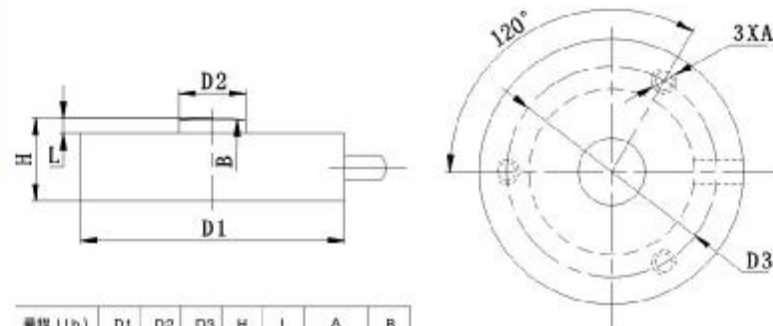
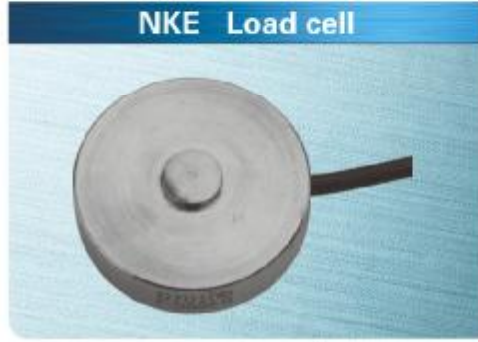
平台秤、配料控制系统
Platform scales,blending scale

TECHNICAL PARAMETER

4Wires:Exc+(红,Red);Exc-(黑,Black);Sig+(绿,Green);Sig-(白,White)		4Wires:Exc+(红,Red);Exc-(黑,Black);Sig+(绿,Green);Sig-(白,White)	
额定载荷Rated load	0.05,0.1,0.2,0.5,1,2.5,10,20,50t	工作温度范围Service Temp Range	-30~+70℃
灵敏度Sensitivity	2.0±0.02mV/V	安全负载Safe load limit	150%F.S
综合误差Total error	±0.5%F.S	破坏负载Breaking load	200%F.S
蠕变 (30分钟) Creep(30min)	±0.05%F.S	额定激励电压Nominal of range excitation	10~12 V DC
零点平衡Zero balance	±1%F.S	最大激励电压 Maximum excitation	15 V DC
零点温度影响TC ZERO	±0.05%F.S/10℃	密封等级Protection Class	IP68
灵敏度温度影响TC SPAN	±0.05%F.S/10℃	材料Material	合金钢 Alloy Steel
输入阻抗Input resistance	400±10Ω	电缆Cable	Length:3m
输出阻抗Output resistance	352±2Ω	直径Diameter: φ5mm	
绝缘电阻Insulation resistance	≥5000 MΩ		

NKE Load cell

NKE



量程 (lb)	D1	D2	D3	H	L	A	B
200-1000	32	3.1	25.4	10	1.8	M-S2UNC	SR35
3000-5000	38	11	31.4	16	2	M-S2UNC	SR40

空间小的压式测力场合
Pressure testing for small space

TECHNICAL PARAMETER

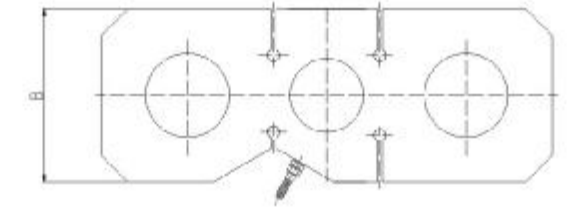
4Wires:Exc+(红,Red);Exc-(黑,Black);Sig+(绿,Green);Sig-(白,White)

额定载荷 Rated load	200、250、500、1000、3000、5000lb	输出阻抗 Output resistance	352 ± 5 Ω
精度等级 Accuracy class	0.5/(200lb~500lb)1/(1000lb~5000lb)	绝缘电阻 Insulation resistance	≥ 5000 MΩ
灵敏度 Sensitivity	1.0~2.0mV/V (不补偿)	额定温度 Nominal Temp Range	-10~+40°C
线性误差 Non-linearity	± 0.5%F.S (200lb~500lb) ± 1%F.S (1000lb~5000lb)	工作温度范围 Service Temp Range	-30~+70°C
滞后误差 Hysteresis error	± 0.5%F.S (200lb~500lb) ± 1%F.S (1000lb~5000lb)	安全负载 Safe load limit	120%F.S
蠕变 (30分钟) Creep(30min)	+0.1%F.S	破坏负载 Breaking load	150%F.S
零点温度影响 TC ZERO	± 0.2%F.S/10°C	额定激励电压 Nominal of range excitation	10~12 V DC
灵敏度温度影响 TC SPAN	± 0.2%F.S/10°C	密封等级 Protection Class	IP65
输入阻抗 Input resistance	400 ± 50 Ω	材料 Material	不锈钢 Stainless steel
		电缆 Cable	Length:1.5m



BHS Load cell

BHS



量程	L1	L2	B	D	H
15,20,30t	340	210	130	Φ63	48
50t	620	438	171	Φ85.5	47
100,150t	500	305	190	Φ97	130

吊钩秤、料斗秤、包装秤、过载限制
Crane scale, hopper scale, packing scale, overload limiter

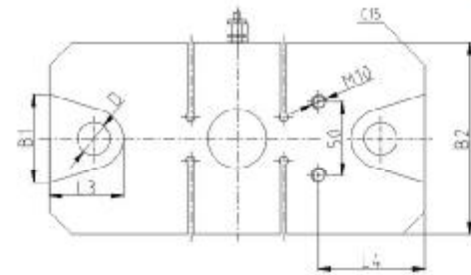
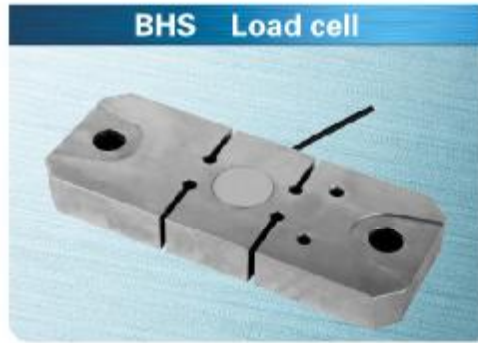
TECHNICAL PARAMETER

4Wires:Exc+(红,Red);Exc-(黑,Black);Sig+(绿,Green);Sig-(白,White)

额定载荷 Rated load	15、20、30、50、100、150t	输出阻抗 Output resistance	352 ± 3 Ω
精度等级 Accuracy class	0.05	绝缘电阻 Insulation resistance	≥ 5000 MΩ
灵敏度 Sensitivity	2.0 ± 0.002mV/V (15~50t) 1.5 ± 0.01mV/V (100~150t)	额定温度 Nominal Temp Range	-10~+40°C
线性误差 Non-linearity	± 0.05%F.S	工作温度范围 Service Temp Range	-30~+70°C
滞后误差 Hysteresis error	± 0.05%F.S	安全负载 Safe load limit	150%F.S
蠕变 (30分钟) Creep(30min)	± 0.03%F.S	破坏负载 Breaking load	200%F.S
零点温度影响 TC ZERO	± 0.02%F.S/10°C	额定激励电压 Nominal of range excitation	10~12 V DC
灵敏度温度影响 TC SPAN	± 0.02%F.S/10°C	密封等级 Protection Class	IP67
输入阻抗 Input resistance	400 ± 20 Ω	材料 Material	合金钢 Alloy Steel
		电缆 Cable	Length:10cm

BHS Load cell

BHS



量程	L1	L2	L3	H1	H2	B1	B2	D
5t	255	201	50	72	30	28	60	Φ22
10t	295	215	70	92	40	38	64	Φ28

吊钩秤
Crane scale

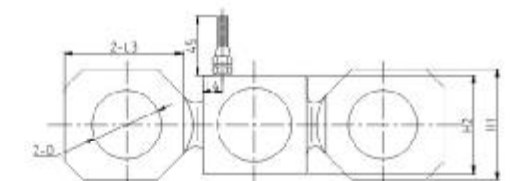
TECHNICAL PARAMETER

4Wires:Exc+(红,Red);Exc-(黑,Black);Sig+(绿,Green);Sig-(白,White)

额定载荷 Rated load	5、10t	绝缘电阻 Insulation resistance	≥ 5000 MΩ
精度等级 Accuracy class	0.05	额定温度 Nominal Temp Range	-10~+40°C
灵敏度 Sensitivity	2.0 ± 0.002mV/V	工作温度范围 Service Temp Range	-30~+70°C
线性误差 Non-linearity	± 0.05%F.S	安全负载 Safe load limit	150%F.S
滞后误差 Hysteresis error	± 0.05%F.S	破坏负载 Breaking load	200%F.S
蠕变 (30分钟) Creep(30min)	± 0.03%F.S	额定激励电压 Nominal of range excitation	10~12 V DC
零点温度影响 TC ZERO	± 0.02%F.S/10°C	密封等级 Protection Class	IP67
灵敏度温度影响 TC SPAN	± 0.02%F.S/10°C	材料 Material	合金钢 Alloy Steel
输入阻抗 Input resistance	400 ± 20 Ω	电缆 Cable	Length:12m
输出阻抗 Output resistance	352 ± 3 Ω		

NB Load cell

NB



量程	L1	L2	L3	L4	H1	H2	A	A1	B	D
2、3t	154	134	42	49	9	50	40	15	40	Φ22
5t	211	141	63	62	16.8	68	58	20	55	Φ25
10t	241	161	64	75	17.3	85	68	25	62	Φ27
15,20t	310	202	80	102	20	108	80	35	70	Φ33
30t	351	227	85	118	23	118	85	40	75	Φ38
50t	351	227	85	118	23	118	85	60	80	Φ38

吊钩秤、拉式测力装置
Crane scale, tension measuring equipment

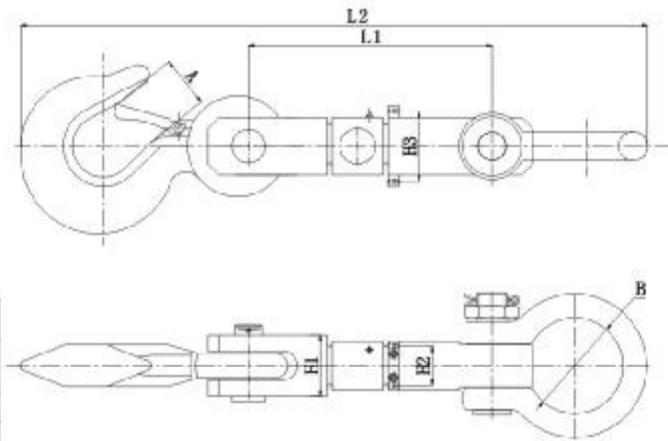
TECHNICAL PARAMETER

4Wires:Exc+(红,Red);Exc-(黑,Black);Sig+(绿,Green);Sig-(白,White)

额定载荷 Rated load	2、3、5、10、15、20、30、50t	绝缘电阻 Insulation resistance	≥ 5000 MΩ
精度等级 Accuracy class	0.03	额定温度 Nominal Temp Range	-10~+40°C
灵敏度 Sensitivity	1.8 ± 0.005mV/V	工作温度范围 Service Temp Range	-30~+70°C
线性误差 Non-linearity	± 0.03%F.S	安全负载 Safe load limit	150%F.S
滞后误差 Hysteresis error	± 0.03%F.S	破坏负载 Breaking load	200%F.S
蠕变 (30分钟) Creep(30min)	± 0.03%F.S	额定激励电压 Nominal of range excitation	10~12 V DC
零点温度影响 TC ZERO	± 0.02%F.S/10°C	密封等级 Protection Class	IP67
灵敏度温度影响 TC SPAN	± 0.02%F.S/10°C	材料 Material	合金钢 Alloy Steel
输入阻抗 Input resistance	400 ± 20 Ω	电缆 Cable	Length:2m
输出阻抗 Output resistance	352 ± 3 Ω		

DFEB Load cell

DFEB



量程	L1	L2	H1	H2	H3	A	B
1t	265 ± 5	582 ± 10	50	20	42	38	Φ68
2t	265 ± 5	582 ± 10	50	26	42	38	Φ68
3t	285 ± 5	680 ± 10	60	34	50	38	Φ74
5t	336 ± 5	716 ± 10	75	34	58	41	Φ74
10t	385 ± 5	815 ± 10	93	36	68	53	Φ92
15t	450 ± 5	940 ± 20	102	44	72	57	Φ98.6
20t	412 ± 5	960 ± 20	92	52	76	75	Φ127
30t	451 ± 5	1500 ± 50	114	74	130	100	Φ136

吊钩秤
Crane scale

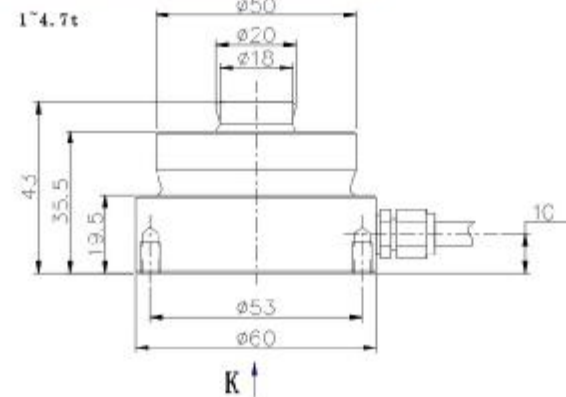
TECHNICAL PARAMETER

4Wires: Exc+(红,Red);Exc-(黑,Black);Sig+(绿,Green);Sig-(白,White)

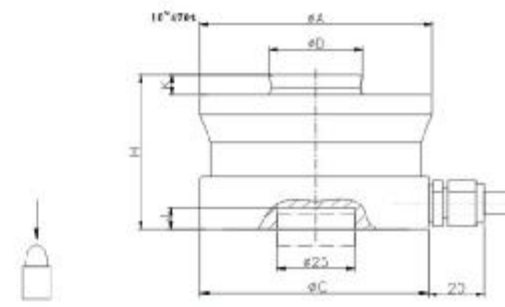
额定载荷 Rated load	1, 2, 3, 5, 10, 15, 20, 30t	输出阻抗 Output resistance	352 ± 3 Ω
精度等级 Accuracy class	0.03	绝缘电阻 Insulation resistance	≥ 5000 MΩ
灵敏度 Sensitivity	1.3 ± 0.002mV/V (1t)	额定温度 Nominal Temp Range	-10~+40℃
	1.5 ± 0.002mV/V (2-30t)	工作温度范围 Service Temp Range	-30~+70℃
线性误差 Non-linearity	± 0.03%F.S	安全负载 Safe load limit	150%F.S
滞后误差 Hysteresis error	± 0.03%F.S	破坏负载 Breaking load	200%F.S
蠕变 (30分钟) Creep(30min)	± 0.02%F.S	额定激励电压 Nominal of range excitation	10-12 V DC
零点温度影响 TC ZERO	± 0.02%F.S/10℃	密封等级 Protection Class	IP67
灵敏度温度影响 TC SPAN	± 0.02%F.S/10℃	材料 Material	合金钢 Alloy Steel
输入阻抗 Input resistance	400 ± 20Ω	电缆 Cable	Length:1m

NHS Load cell

NHS



宁波柯力传感科技股份有限公司
Keli Sensing Technology (Ningbo) Co.,Ltd.



Dimension Capacity	A	B	C	H	K	J
10/15/22t	75	30	75	50	7	6.5
33t	95	40	95	65	7	10
47t	130	60	130	75	7	14
68t	130	60	130	85	7	14

Dimension Capacity	A	B	C	H	K	J
100t	150	70	150	90	7	16
150t	150	70	150	100	7	16
220t	225	100	225	130	10	24
330t	225	100	225	145	10	24
470t	270	100	270	170	10	28

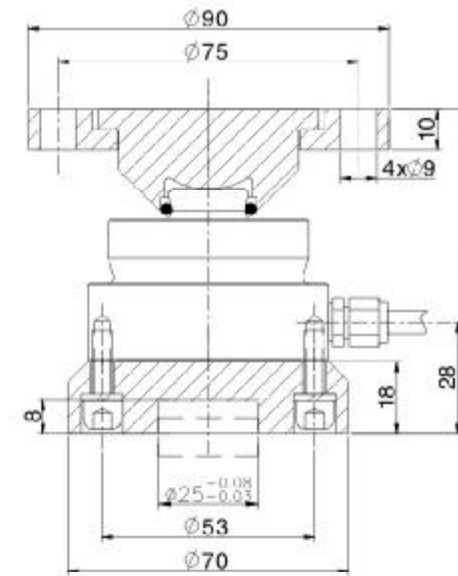
料斗秤, 仓储秤, 罐体秤, 实验机
hopper scale, warehouse scale, silo scale, experimental machine

TECHNICAL PARAMETER

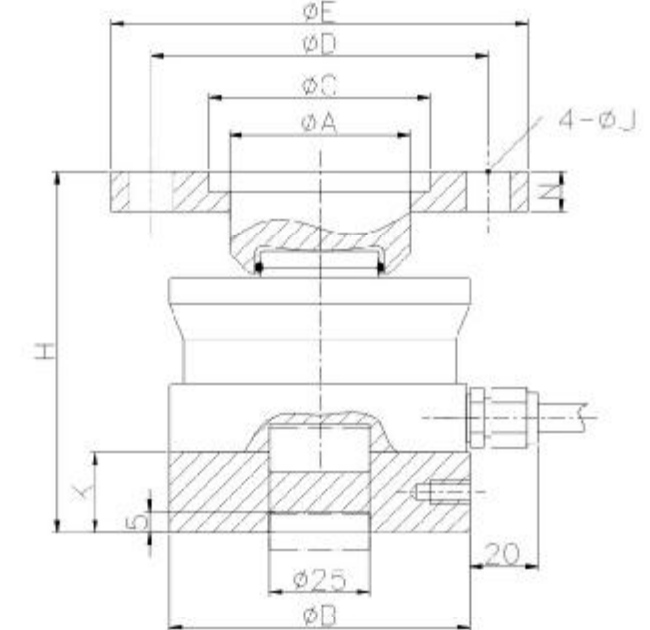
Wires: Sen+(蓝,Blue);Sig+(白,White);Exc-(黑,Black);Sig-(红,Red)

额定载荷 Rated load	1,2,2.3,3,4,7,10,15,22,33,47,68,100,150,220,330,470t	绝缘电阻 Insulation resistance	≥ 5000 MΩ
精度等级 Accuracy class	0.1(1-150t) 0.3(220-470t)	额定温度 Nominal Temp Range	-10~+40℃
灵敏度 Sensitivity	2.85 ± 0.015mV/V	工作温度范围 Service Temp Range	-30~+70℃
线性误差 Non-linearity	± 0.1%F.S(1-150t) ± 0.3%F.S(220-470t)	安全负载 Safe load limit	150%F.S
滞后误差 Hysteresis error	± 0.05%F.S(1-150t)	破坏负载 Breaking load	200%F.S
蠕变 (30分钟) Creep(30min)	± 0.03%F.S	额定激励电压 Nominal of range excitation	10-12 V DC
零点温度影响 TC ZERO	± 0.02%F.S/10℃	密封等级 Protection Class	IP67
灵敏度温度影响 TC SPAN	± 0.03%F.S/10℃	材料 Material	合金钢 Alloy Steel
输入阻抗 Input resistance	1450 ± 10Ω	电缆 Cable	Length:8m(1-4.7t) 12m(10-33t) 16m(58-470t)
输出阻抗 Output resistance	1405 ± 5Ω		

NHS-A1~4.7t 总装B



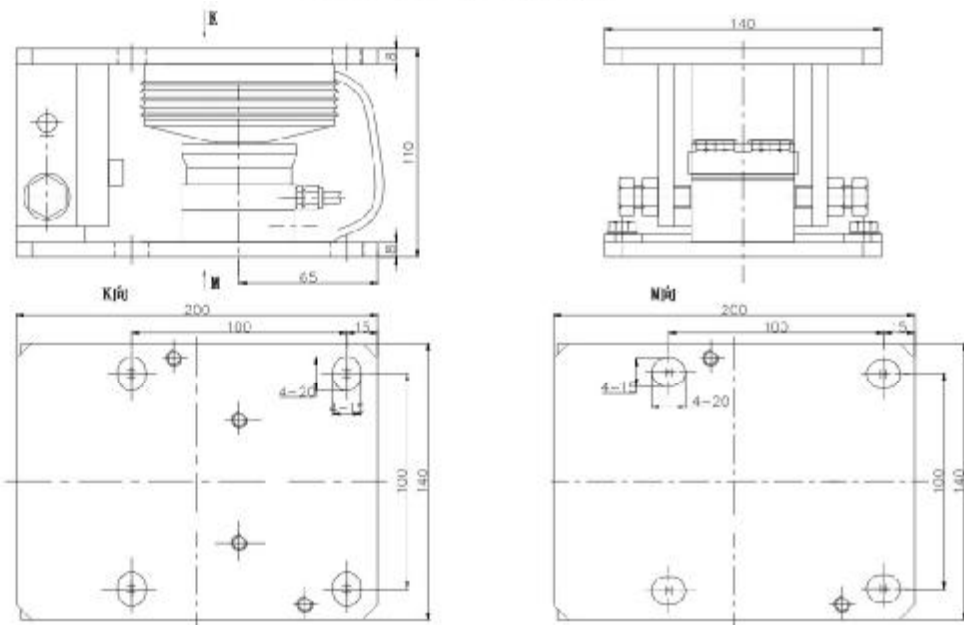
NHS-A10~470t 总装B



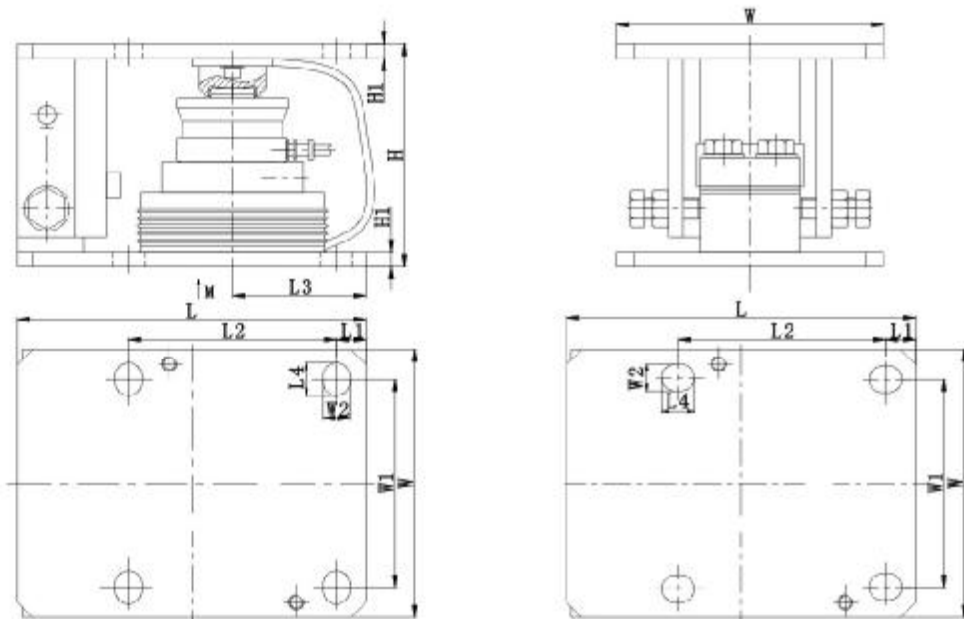
Dimension Capacity	A	B	C	D	E	H	K	J	N
10-22t	45	75	55	80	100	95	20	11.5	10
33t	58	95	68	95	120	120	25	13	12
47t	80	130	92	130	170	140	30	17.5	20
68t	80	130	92	130	170	150	30	17.5	20

Dimension Capacity	A	B	C	D	E	H	K	J	N
100t	100	150	110	150	200	177	40	25	22
150t	100	150	110	150	200	187	40	25	22
220t	160	225	170	250	320	235	40	25	30
330t	160	225	170	250	320	250	40	25	30
470t	160	270	170	220	280	325	80	21.4	30

NHS-A1-4.7t 总装C

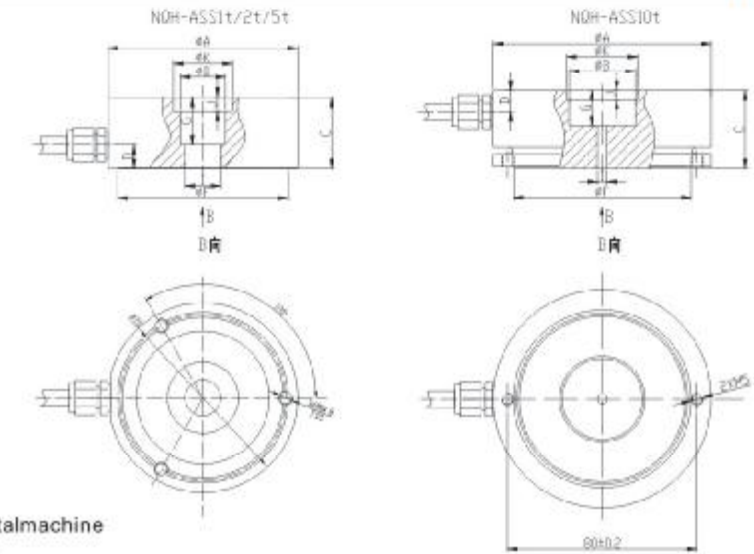


NHS-A10t~150t 总装C



Dimension Capacity	L	L1	L2	L3	L4	W	W1	W2	H	H1
10-22t	235	20	140	90	22	180	140	18	150	8
33t	340	35	200	135	26	250	200	22	192	12
47t	380	45	230	150	30	280	230	26	230	20
68t	380	45	230	150	30	280	230	26	240	20
100t	410	35	245	155	30	310	245	26	300	30
150t	410	35	245	155	30	310	245	26	310	30

NQH Load cell



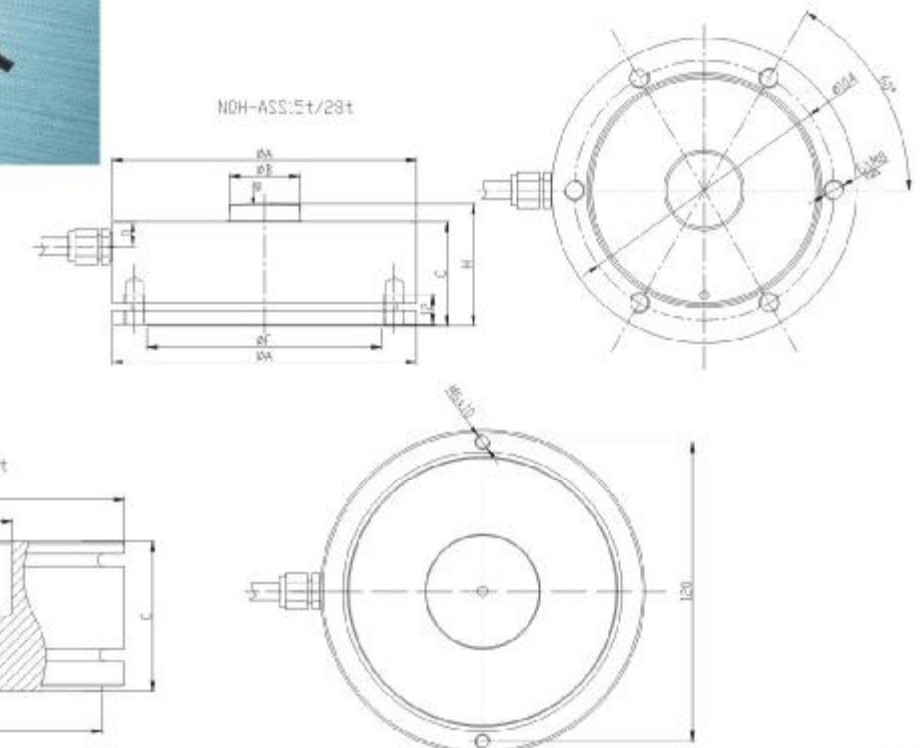
量程	ΦA	ΦB	C	D	ΦF	G	H	I	J	ΦK	SR
1t	30	19	25	10	72	15	/	M10	1	25	/
2t	30	19	30	10	72	20	/	Φ15	6	25	/
5t	30	19	30	10	72	20	/	Φ15	6	25	/
10t	30	28	33	9	75	15	/	Φ2	4	20	/
15t	122	28	41	10	94	/	42	/	/	244	/
28t	120	35.5	46	10	96	/	54	/	/	400	/
60t	130	40	60	26.5	112	30	/	Φ4	/	/	/

料斗秤、仓储秤、罐体秤、实验机
hopper scale, warehouse scale, silo scale, experimental machine

TECHNICAL PARAMETER

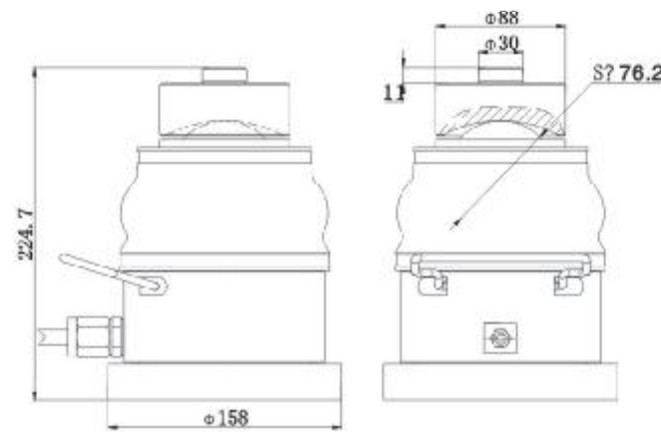
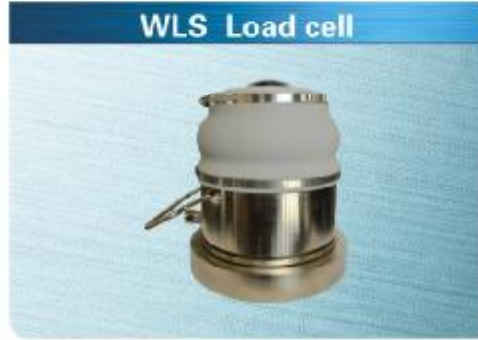
额定载荷 Rated load	1, 2, 5, 10, 15, 28, 60t	绝缘电阻 Insulation resistance	≥ 5000 MΩ
精度等级 Accuracy class	0.05	额定温度 Nominal Temp Range	-10~+40℃
灵敏度 Sensitivity	1.9 ± 0.005mV/V(1-5t); 2.0 ± 0.005mV/V	工作温度范围 Service Temp Range	-30~+70℃
线性误差 Non-linearity	± 0.05%F.S	安全负载 Safe load limit	150%F.S
滞后误差 Hysteresis error	± 0.05%F.S	破坏负载 Breaking load	250%F.S
蠕变 (30分钟) Creep(30min)	± 0.03%F.S	额定激励电压 Nominal of range excitation	10~12 V DC
零点温度影响 TC ZERO	± 0.02%F.S/10℃	密封等级 Protection Class	IP67
灵敏度温度影响 TC SPAN	± 0.03%F.S/10℃	材料 Material	不锈钢 Stainless steel
输入阻抗 Input resistance	1110 ± 20Ω	电缆 Cable	Length: 5m Diameter: Φ5mm
输出阻抗 Output resistance	1052 ± 7Ω		

NQH Load cell



WLS Load cell

WLS



汽车衡、轨道衡、轴重秤
Truck scale, railway scale, axle-load scale

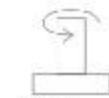
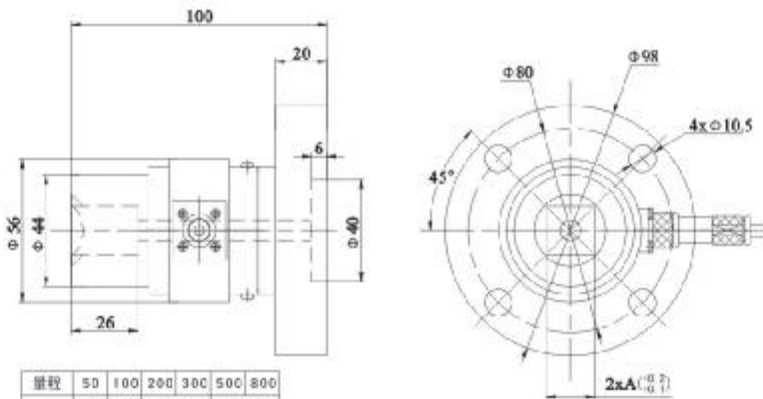
TECHNICAL PARAMETER

4Wires: Exc+(红, Red); Exc-(黑, Black); Sig+(绿, Green); Sig-(白, White)

额定载荷 Rated load	10~40t	绝缘电阻 Insulation resistance	≥ 5000 MΩ
精度等级 Accuracy class	± 0.02% F.S	工作温度范围 Service Temp Range	-30~+70℃
线性误差 Non-linearity	± 0.03% F.S	安全负载 Safe load limit	150% F.S
滞后误差 Hysteresis error	± 0.03% F.S	破坏负载 Breaking load	200% F.S
蠕变 (30分钟) Creep (30min)	± 0.02% F.S	额定激励电压 Nominal of range excitation	10~12 V DC
零点温度影响 TC ZERO	± 0.02% F.S/10℃	最大激励电压 Maximum excitation	15 V DC
灵敏度温度影响 TC SPAN	± 0.02% F.S/10℃	密封等级 Protection Class	IP68
数据刷新频率 Digital refreshing frequency	10HZ	材料 Material	合金钢 Alloy Steel
通讯波特率 Communication baud rate	9600BPS/19200 BPS	通讯方式	RS 485

NJ-K Load cell

NJ-K



实验机
Experimental machine

TECHNICAL PARAMETER

4Wires: Exc+(红, Red); Exc-(黑, Black); Sig+(绿, Green); Sig-(白, White)

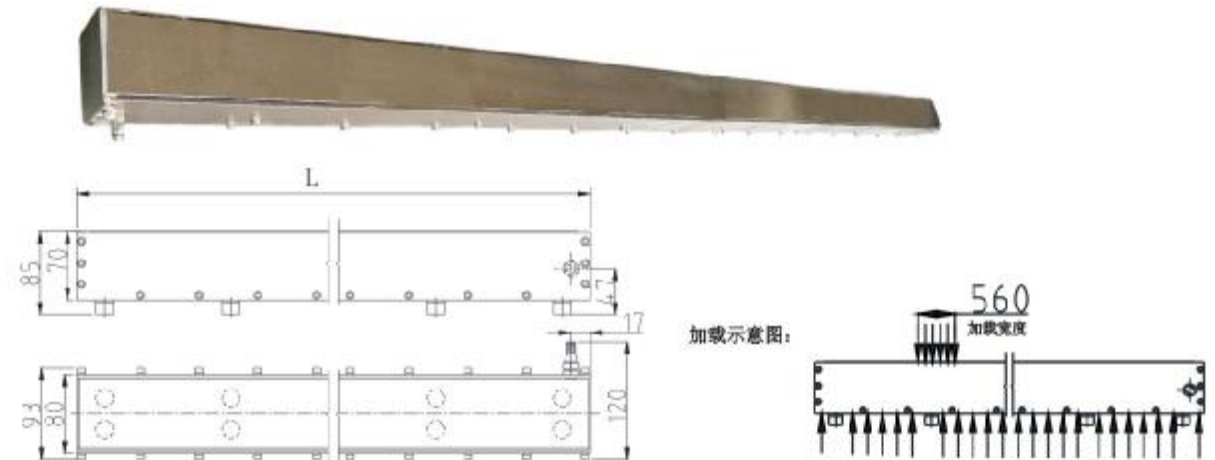
额定载荷 Rated load	50, 100, 200, 300, 500, 800N.m	额定温度 Nominal Temp Range	-10~+40℃
精度等级 Accuracy class	1	工作温度范围 Service Temp Range	-30~+70℃
灵敏度 Sensitivity	2.0 ± 0.1mV/V	安全负载 Safe load limit	150% F.S
线性误差 Non-linearity	± 1% F.S	破坏负载 Breaking load	200% F.S
滞后误差 Hysteresis error	± 0.1% F.S	额定激励电压 Nominal of range excitation	10~12 V DC
蠕变 (30分钟) Creep (30min)	± 0.05% F.S	密封等级 Protection Class	IP68
零点温度影响 TC ZERO	± 0.1% F.S/10℃	材料 Material	合金钢 Alloy Steel
灵敏度温度影响 TC SPAN	± 0.1% F.S/10℃	电缆 Cable	Length: 5m
输入阻抗 Input resistance	400 ± 20 Ω	直径 Diameter	Φ 5mm
输出阻抗 Output resistance	352 ± 3 Ω		
绝缘电阻 Insulation resistance	≥ 5000 MΩ		



宁波柯力传感科技股份有限公司
Keli Sensing Technology (Ningbo) Co., Ltd.

GLC Load cell

GLC



公路治超、桥梁保护
Road overload management, bridge protection

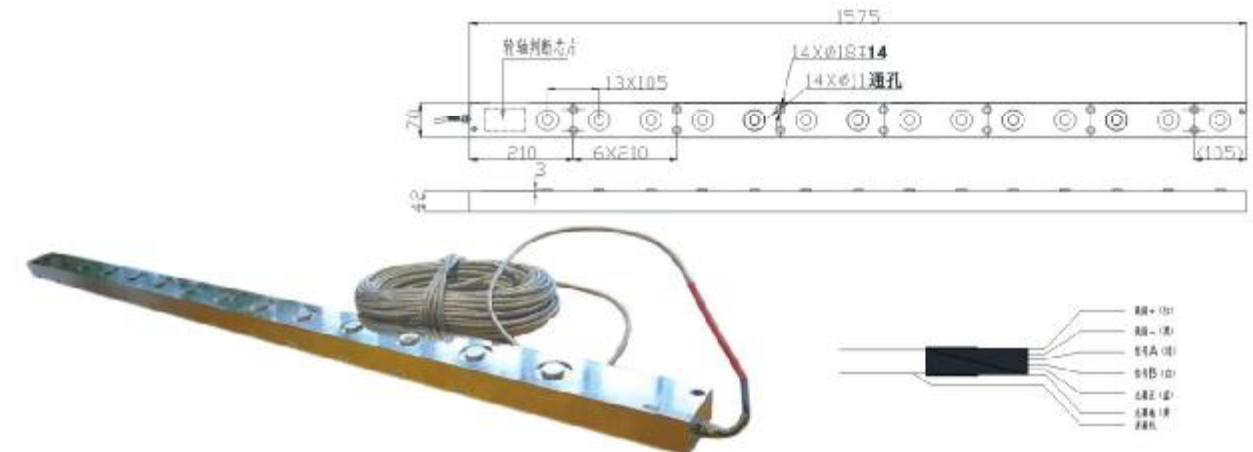
TECHNICAL PARAMETER

4Wires: Exc+(红, Red); Exc-(黑, Black); Sig+(绿, Green); Sig-(白, White)

额定载荷 Rated load	10t	工作温度范围 Service Temp Range	-30~+70℃
传感器长度 Length	0.9, 1.5, 1.75, 2m	安全负载 Safe load limit	120% F.S
灵敏度 Sensitivity	0.7 ± 0.02mV/V	破坏负载 Breaking load	150% F.S
综合误差 Total error	± 1% F.S	额定激励电压 Nominal of range excitation	10~12 V DC
零点温度影响 TC ZERO	± 0.05% F.S/10℃	最大激励电压 Maximum excitation	15 V DC
灵敏度温度影响 TC SPAN	± 0.05% F.S/10℃	密封等级 Protection Class	IP68
输入阻抗 Input resistance	310 ± 10 Ω	材料 Material	合金钢 Alloy Steel
输出阻抗 Output resistance	287 ± 5 Ω	电缆 Cable	Length: 25m
绝缘电阻 Insulation resistance	≥ 5000 MΩ	直径 Diameter	Φ 6.6mm

LZM Load cell

LZM



轮轴识别
Axle recognition

TECHNICAL PARAMETER

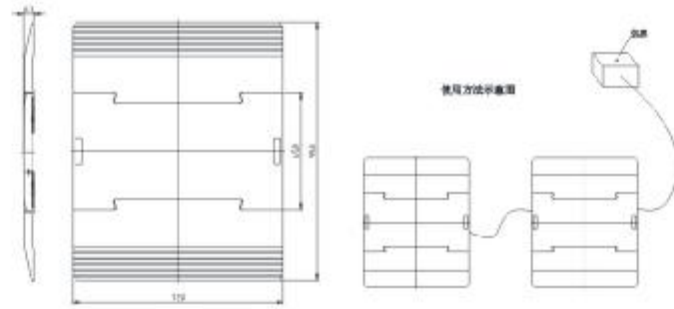
4Wires: Exc+(红, Red); Exc-(黑, Black); Sig+(绿, Green); Sig-(白, White)

额定载荷 Rated load	5t	密封等级 Protection Class	IP68
绝缘电阻 Insulation resistance	≥ 2000 MΩ	材料 Material	合金钢 Alloy Steel
工作温度范围 Service Temp Range	-30~+70℃	电缆 Cable	Length: 25m
安全负载 Safe load limit	300% F.S	直径 Diameter	Φ 6.6mm
破坏负载 Breaking load	400% F.S	输出信号 Output Signal:	轴数和胎号 Axle NO. and Tyre NO.
额定激励电压 Nominal of range excitation	9~30 V DC	输出接口 Comm. Interface:	RS-485



GZBG Load cell

GZBG



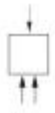
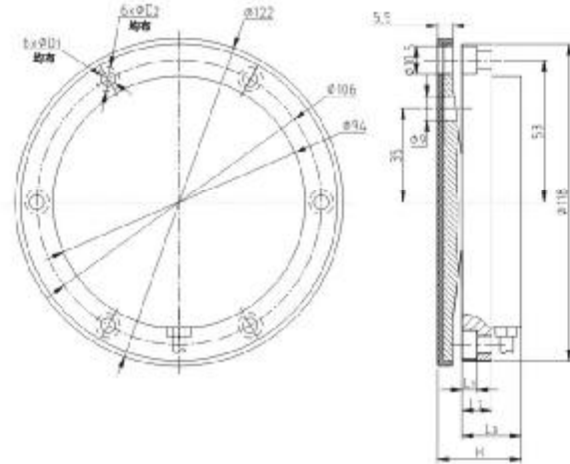
单台板最大载荷: 10t (即单轴20t);
 单台板尺寸: 720 × 450 × 43mm;
 电源: 内置6V—12Ah (2块可充电蓄电池)
 外置12V (直流稳压电源)
 使用温度: -30℃~+70℃
 动态精度: ±5~10%FS
 称重速度: ≤5km/h 匀速
 单台板重量: 约20kg (含传感器)
 引坡重量: 约8kg
 橡胶引坡: 720 × 250mm

Each pad max.capacity: 10t (axle20t)
 Each pad size: 720x450x43mm
 Power: inside 6V—12AH (rechargeable battery)
 Outside 12VDC
 Operation temperature: -30℃~+70℃
 Dynamic Accuracy: ±5%F.S.
 Weighing speed: ≤5km/h
 Pad weight: 20kg (include Loadcell)
 Ramp weight: 8kg (each)



GZLBF Load cell

GZLBF



轴重秤
Axle-load scale

额定载重 (%) Rated Load	L ₁	L ₂	L ₃	II	D ₁	D ₂
2, 5	6.6	1.0	21	31	Φ5.5	Φ9
10	8	13.5	24.5	31.5	Φ6.6	Φ10.5

TECHNICAL PARAMETER

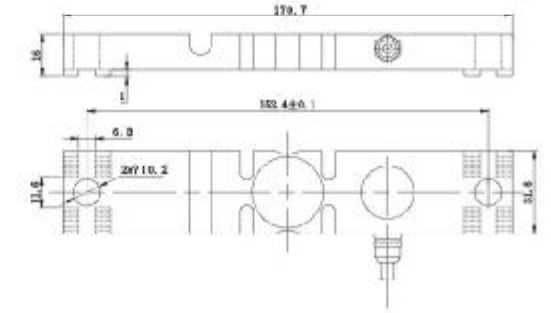
4Wires:Exc+(红,Red);Exc-(黑,Black);Sig+(绿,Green);Sig-(白,White)

额定载重 Rated load	2.5, 10t	工作温度范围 Operating Temp Range	-30 ~ +70℃
灵敏度 Sensitivity	1.7 ± 0.01 (2 ~ 10t) / 1.6 ± 0.01 (30mV/V)	安全过载 Safe load limit	150%F.S
综合误差 Total error	± 0.3%F.S	极限过载 Lateral load limit	200%F.S
蠕变 (30分钟) Creep(30min)	± 0.1%F.S	推荐激励电压 Recommend excitation	10 ~ 12V DC
零点平衡 Zero balance	± 1%F.S	最大激励电压 Maximum excitation	15V DC
零点温度影响 TCO	± 0.03%F.S/10℃	密封等级 Protection Class	IP65
输出温度影响 TC SPAN	± 0.03%F.S/10℃	材质 Construction	合金钢 Alloy Steel
输入阻抗 Input resistance	750 ± 10Ω	电缆 Cable	Length: 0.5m
输出阻抗 Output resistance	700 ± 2Ω		Diameter: Φ5mm
绝缘电阻 Insulation resistance	≥ 5000MΩ		



SEBK Load cell

SEBK



间接应变测力
Indirect strain testing

TECHNICAL PARAMETER

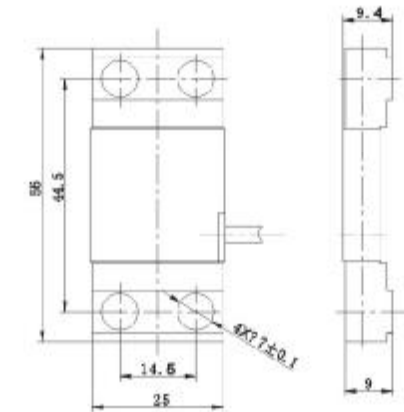
4Wires:Exc+(红,Red);Exc-(黑,Black);Sig+(绿,Green);Sig-(白,White)

额定载重 Rated load	40kg	绝缘电阻 Insulation resistance	≥ 5000 MΩ
精度等级 Accuracy class	1	额定温度 Nominal Temp Range	-10 ~ +40℃
灵敏度 Sensitivity	1.65 ± 0.005mV/V	工作温度范围 Service Temp Range	-30 ~ +70℃
线性误差 Non-linearity	± 1%F.S	安全负载 Safe load limit	120%F.S
滞后误差 Hysteresis error	± 1%F.S	破坏负载 Breaking load	150%F.S
蠕变 (30分钟) Creep(30min)	± 0.1%F.S	额定激励电压 Nominal of range excitation	10 ~ 12 V DC
零点温度影响 TC ZERO	± 0.1%F.S/10℃	密封等级 Protection Class	IP66
灵敏度温度影响 TC SPAN	± 0.1%F.S/10℃	材料 Material	合金钢 Alloy Steel
输入阻抗 Input resistance	400 ± 50Ω	电缆 Cable	Length: 5m
输出阻抗 Output resistance	352 ± 5Ω		Diameter: Φ5mm



SEBCB Load cell

SEBCB



间接应变测力
Indirect strain testing

TECHNICAL PARAMETER

4Wires:Exc+(红,Red);Exc-(黑,Black);Sig+(绿,Green);Sig-(白,White)

额定载重 Rated load	200kg	绝缘电阻 Insulation resistance	≥ 5000 MΩ
精度等级 Accuracy class	1	额定温度 Nominal Temp Range	-10 ~ +40℃
灵敏度 Sensitivity	1.0 ± 0.2mV/V	工作温度范围 Service Temp Range	-30 ~ +70℃
线性误差 Non-linearity	± 1%F.S	安全负载 Safe load limit	120%F.S
滞后误差 Hysteresis error	± 1%F.S	破坏负载 Breaking load	150%F.S
蠕变 (30分钟) Creep(30min)	± 0.1%F.S	额定激励电压 Nominal of range excitation	10 ~ 12 V DC
零点温度影响 TC ZERO	± 0.2%F.S/10℃	密封等级 Protection Class	IP66
灵敏度温度影响 TC SPAN	± 0.2%F.S/10℃	材料 Material	合金钢 Alloy Steel
输入阻抗 Input resistance	350 ± 50Ω	电缆 Cable	Length: 12m
输出阻抗 Output resistance	352 ± 5Ω		Diameter: Φ4mm



SBC

SBC型接线盒

特点

1. 不锈钢外壳, 四、六线可选
2. 装配、调试简单方便
3. 密封处理, 防潮, 可靠性好
4. 工作温度: -30℃~+60℃
5. 本安防爆型号(可选)

SBC Type Junction Box

Features:

1. Stainless steel housing, 4 line and 6 line(optional)
2. Easy assembly and adjustment.
3. High sealing treatment and moistureproof and reliability
4. Working temperature: -30℃~+60℃
5. Ex i explosion-proof model(optional)

壳体材质 Housing material	型号 Model	规格(Types)	调节方式(Adjustment)	外形尺寸(长x宽x高mm) Junction Box Outer Size	与秤体安装尺寸(mm) Install size with scale body
不锈钢 Stainless Steel	SBC型 SBC Type	JXHG03-4-S	调信号(Signal adjustment)	192x136x45.5	172x36(孔径φ7) (Hole diameterφ7)
		JXHG03-4-J	调激励(Excitation adjustment)		



H型
“H” type

H型接线盒

特点

1. 不锈钢外壳, 四、六线可选
2. 装配、调试简单方便
3. 密封处理, 防潮, 可靠性好
4. 工作温度: -30℃~+60℃

H Type Junction Box

Features:

1. Stainless steel housing, 4 line and 6 line(optional)
2. Easy assembly and adjustment.
3. High sealing treatment and moistureproof and reliability
4. Working temperature: -30℃~+60℃

壳体材质 Housing material	型号 Model	规格(Types)	调节方式(Adjustment)	外形尺寸(长x宽x高mm) Junction Box Outer Size	与秤体安装尺寸(mm) Install size with scale body
不锈钢 Stainless Steel	H型 H Type	JXHG02-4-S	调信号(Signal adjustment)	160x160x52	137x137(孔径φ8) (Hole diameterφ8)
		JXHG02-6-S	调信号(Signal adjustment)		
		JXHG02-4-J	调激励(Excitation adjustment)		
		JXHG03-4-J	调激励(Excitation adjustment)		
		JXHG03-6-J	调激励(Excitation adjustment)		



T型
“T” Type

T型接线盒

特点

1. 不锈钢外壳, 八、十线可选
2. 装配、调试简单方便
3. 密封处理, 防潮, 可靠性好
4. 工作温度: -30℃~+60℃
5. 本安防爆型号(可选)

T Type Junction Box

Features:

1. Stainless steel housing, 8 line and 10 line(optional)
2. Easy assembly and adjustment.
3. High sealing treatment and moistureproof and reliability
4. Working temperature: -30℃~+60℃
5. Ex i explosion-proof model(optional)

壳体材质 Housing material	型号 Model	规格(Types)	调节方式(Adjustment)	外形尺寸(长x宽x高mm) Junction Box Outer Size	与秤体安装尺寸(mm) Install size with scale body
不锈钢 Stainless Steel	T型 T Type	JXHG05-8-S	调信号(Signal adjustment)	318x160x64	280x62(孔径φ7) (Hole diameterφ7)
		JXHG05-10-S	调信号(Signal adjustment)		
		JXHG05-8-J	调激励(Excitation adjustment)		
		JXHG05-10-J	调激励(Excitation adjustment)		



铝合金
Aluminium



铝合金
Aluminium

铝合金型接线盒

特点

1. 铸铝外壳, 表面喷塑处理
2. 装配、调试简单方便
3. 密封处理, 防潮, 可靠性好
4. 工作温度: -30℃~+60℃

Aluminium Alloy Type Junction Box

Features:

1. Cast aluminum housing, surface plastic spraying treatment
2. Easy assembly and adjustment.
3. High sealing treatment and moistureproof and reliability
4. Working temperature: -30℃~+60℃

壳体材质 Housing material	型号 Model	规格(Types)	调节方式(Adjustment)	外形尺寸(长x宽x高mm) Junction Box Outer Size	与秤体安装尺寸(mm) Install size with scale body		
铝合金 Aluminium	铝合金型 Aluminium Type	JXHL01-4-S	调信号(Signal adjustment)	180x120x45.5(四线;六线) 180x120x45.5(4lines;6lines) 205x125x47(八线;十线) 205x125x47(8lines;10lines)	166x90(孔径φ6)(四线;六线) 166x90(φ6)(4lines;6lines) 174x113(孔径φ6)(八线;十线) 174x113(φ6)(8lines;10lines)		
		JXHL01-6-S	调信号(Signal adjustment)				
		JXHL01-8-S	调信号(Signal adjustment)				
		JXHL01-10-S	调信号(Signal adjustment)				
		JXHL01-4-J	调激励(Excitation adjustment)				
		JXHL01-6-J	调激励(Excitation adjustment)				
		JXHL01-8-J	调激励(Excitation adjustment)				
		JXHL01-10-J	调激励(Excitation adjustment)				
		JXHL02-4-S	调信号(Signal adjustment)			180x107x43.5(四线)	132x95(孔径φ5)
		JXHL02-4-J	调激励(Excitation adjustment)			180x107x43.5(4lines)	(Hole diameterφ5)



« XK3101(N)

产品简介:

该仪表是面向工业控制领域的电子称重仪表。信号处理采用高精度的24位专用A/D转换器。模拟信号输出采用16位的D/A转换器、具有RS232/RS485串行通讯接口、采用铝合金外壳，可方便的嵌入控制柜，适用于水泥、化工、冶金等行业的称重系统。

主要特点

- ※ 可选的数据更新速率：6.25次/秒、12.5次/秒、25次/秒、50次/秒可选
- ※ 两路继电器输出：两路常开触点
- ※ 隔离的RS232与RS485两种通讯接口
- ※ 三种标定方法，可适应多种场合
- ※ 带有模拟信号输出：4~20mA、0~20mA、0~5V或0~10V【现场四选一】
- ※ 独立的大屏幕接口（电流环方式）

技术参数

准确度等级：④ n=3000
 AD转换方式：Σ-Δ24bit 高精度A/D转换。
 分度值：1、2、5、10、20、50可选
 输入灵敏度：大于1.5uV/e。
 误差分配系数：pi=0.5
 传感器激励电源：DC 5V、85mA；
 传感器连接数量：最多6只350Ω的模拟传感器。
 输入信号范围：-20mV~20mV
 显示方式：7位LED数码管显示，字高0.56寸 20段光柱指示
 通讯串口：RS-232或RS-485。
 波特率：1200bps~19200bps
 协议：Modbus，连续发送，XK3101命令方式
 继电器模式：上下限；定值输出；关闭
 模拟量输出：（现场四选一）电流：0mA~20mA；
 电压：4mA~20mA；
 电压：0V~5V；电压：0V~10V
 外形尺寸（h x w x d）：87 x 172 x 105 mm
 开孔尺寸（h x w）：76 x 151 mm
 电源：交流220V，频率50/60 Hz，最大功耗8W

Introduction

XK3101(N) is an electronic weighing instrument for industrial control. The signal processing adopts high-precision 24-bit dedicated A/D converter, analog signal output adopts 16-bit D/A converter, RS232/RS485 serial communication interface, and aluminum alloy casing, which can be easily embedded into the control cabinet. Weighing systems in the cement, chemical, metallurgical and other industries.

Main features

- ※ Optional data update rate: 6.25 times / sec, 12.5 times / sec, 25 times / sec, 50 times / sec
- ※ Two relay outputs: two normally open contacts
- ※ Isolated RS232 and RS485 communication interfaces
- ※ Three calibration methods can be adapted to various occasions
- ※ With analog signal output: 4~20mA, 0~20mA, 0~5V or 0~10V (four choices in the field)
- ※ Independent large screen interface (current loop mode)

Technical Parameters

Accuracy level: ④ n=3000
 AD conversion method: Σ-Δ24bit high-precision A/D conversion.
 Division value: 1, 2, 5, 10, 20, 50 optional
 Input sensitivity: > 1.5uV/e.
 Error distribution coefficient pi=0.5
 Sensor excitation voltage DC 5V, 85mA;
 Number of sensor connections: Up to 6 pcs 350Ω analog sensors.
 Input signal range: -20mV~20mV
 Display mode: 7-digit LED digital tube display, word height 0.56 inch 20-segment light column indication
 Communication serial port: RS-232 or RS-485.
 baud rate: 1200bps~19200bps
 Protocol: Modbus, continuous transmission, XK3101 command mode
 Relay mode: upper and lower limits; fixed value output; off (four in the field) current
 Analog output: (four in the field) current: 0mA~20mA; current: 4mA~20mA; Voltage: 0V~5V; Voltage: 0V~10V
 Dimensions (h x w x d): 87 x 172 x 105 mm
 Opening size (h x w): 76 x 151 mm
 Power supply: AC 220V, frequency 50/60 Hz, maximum power consumption 8W



« XK3101-K

产品简介:

该仪表是面向工业控制领域的电子称重仪表。信号处理采用高精度的24位专用A/D转换器。模拟信号输出采用16位的D/A转换器、具有RS232/RS485串行通讯接口、采用铝合金外壳，可方便的嵌入控制柜，适用于水泥、化工、冶金等行业的称重系统。

主要特点

- ※ 可选的数据更新速率：6.25次/秒、12.5次/秒、25次/秒、50次/秒
- ※ 两路继电器输出：两路常开触点
- ※ 隔离的RS232与RS485两种通讯接口
- ※ 三种标定方法，可适应多种场合
- ※ 带有模拟信号输出：4~20mA、0~20mA、0~5V或0~10V【现场四选一】
- ※ 独立的大屏幕接口（电流环方式）

技术参数

准确度等级：n=3000
 AD转换方式：Σ-Δ24bit 高精度A/D转换。
 分度值：1、2、5、10、20、50可选
 输入灵敏度：大于1.5uV/e。
 误差分配系数：pi=0.5
 传感器激励电源：DC 5V、85mA；
 传感器连接数量：最多6只350Ω的模拟传感器。
 输入信号范围：-20mV~20mV
 显示方式：7位LED数码管显示，字高0.56寸，20段光柱指示
 通讯串口：RS-232或RS-485。
 波特率：1200bps~19200bps
 协议：Modbus，连续发送。
 继电器模式：上下限；定值输出；关闭
 模拟量输出：（现场四选一）电流：0mA~20mA；
 电压：4mA~20mA；
 电压：0V~5V；电压：0V~10V
 外形尺寸（h x w x d）：87 x 172 x 105 mm
 开孔尺寸（h x w）：76 x 151 mm
 电源：交流220V，频率50/60 Hz，最大功耗8W

Introduction

The indicator is an electronic weighing indicator oriented to industrial control field. Signal processing using a high-precision 24-bit dedicated A/D converter, analog signal output using 16-bit D/A converter, with rs232/rs485 serial communication interface, aluminum alloy housing, can be conveniently embedded in the control cabinet, suitable for cement, chemical industry, metallurgy and other industries weighing system.

Functions:

- ※ Optional Data update rate: 6.25 times/sec, 12.5 times/sec, 25 times/sec, 50 times/sec
- ※ Two-way relay output: Two normally open contacts
- ※ Isolated RS232 and RS485 interfaces
- ※ Three kinds of calibration methods can be adapted to many occasions
- ※ with analog signal output: 4~20mA, 0~20mA, 0~5V or 0~10V (one in four selected)
- ※ Independent Large screen interface (current loop mode)

Specification:

Accuracy Rating: n=3000
 A/D Conversion: Σ-24bit
 Division values: 1, 2, 5, 10, 20, 50 optional
 Input sensitivity: > 1.5uV/e
 Error distribution coefficient pi=0.5
 Sensor excitation Power: DC 5V, 85mA
 Number of sensor connections up to 6 350Ω analog sensors
 Input signal range: -20mV~20mV
 Display mode: 7-bit LED digital tube display, word height 0.56 inch 20 light beam instructions
 Communication serial: RS-232 or RS-485.
 baud rate: 1200bps~19200bps
 Protocol: Modbus, continuous transmission.
 Relay mode: Upper and lower limit; fixed value output; (field four select one)
 Analog Output: Current: 0mA~20mA; current: 4mA~20mA; Voltage: 0V~5V; 0V~10V
 Overall dimension (H x W x D): 87x172x105 mm
 Installation hole size (H x W): 76x151 mm
 Power supply: AC 220V, frequency 50/60 Hz, max power consumption 8W



<< Xk3101+

产品简介:

XK3101+具有多种串行通讯接口 (Modbus与Profibus)、开关量输入与输出接口、可扩展模拟量接口, 开关量输出可配置四种方式, 可以方便用于配料、定值、上下限检测等场合; 丰富的通讯接口能直接与DCS系统连接。仪表采用柜装式铝合金外壳, 可方便的嵌入控制柜, 是面向工业控制领域的数字显示仪表。

主要特点

- ※内置辅助DC12V/300mA电源输出(可以驱动继电器输出);
- ※开关量输出设置配料模式(双速双料、单速四料)、定值模式与上下限模式;
- ※标配隔离RS232/RS485通讯接口;
- ※标配1C路(光耦隔离)开关量(4路输入6路OC无源输出);
- ※键盘锁定功能;
- ※可扩展Profibus DP接口(选配);
- ※可扩展4~20mA/0~10V模拟量输出接口(现场二选一)(选配);

技术参数

AD转换方式: Σ - Δ 24bit高精度A/D转换
 分度值: 1、2、5、10、20、50可选
 输入灵敏度: 大于1.5uV/d,
 传感器激励电源: DC 5V 120mA;
 传感器连接数量: 最多8只350Ω的模拟传感器
 输入信号范围: -20mV~20mV
 显示方式: 7位VFD(真空荧光显示器);
 通讯串口: RS-232/RS-485,
 波特率: 1200bps~19200bps
 通讯协议: Modbus RTU, 连续发送
 模拟量输出: (选配) 电流: 4mA~20mA;
 (现场二选一) 或电压: 0V~10V
 外形尺寸(h x w x d): 115 x 215 x 218 mm
 开孔尺寸(h x w): 101 x 191 mm
 电源: 交流220V, 频率50/60 Hz, 最大功耗20W

Introduction

XK3101+ has a variety of serial communication interfaces (Modbus and Profibus), switch value input and output interfaces, and expandable analog interfaces. The switch output can be configured in four ways, which can be conveniently used for batching, setting, upper and lower limit detection, etc. The rich communication interface can be directly connected to the DCS system. The instrument adopts a cabinet-mounted aluminum alloy casing, which can be easily embedded in the control cabinet. It is a digital display instrument for industrial control.

Main features

- ※ Built-in auxiliary DC12V/300mA power output (can drive relay output);
- ※ The switch value output sets the batching mode (two-speed dual material, single speed four materials), fixed value mode and upper and lower limit mode;
- ※ Standard isolation RS232/RS485 communication interface;
- ※ Standard 10 channel (optical coupling isolation) switch (4 channels input 6 channel OC passive output);
- ※ Keyboard lock function
- ※ Extensible Profibus DP interface (optional);
- ※ Extensible 4~20mA/0~10V analog output interface (select one on site) (optional);

Technical Parameters

AD conversion method: Σ - Δ 24bit high precision A/D conversion
 Division value: 1, 2, 5, 10, 20, 50 optional
 Input sensitivity: > 1.5uV/d,
 Sensor excitation voltage DC 5V 120mA;
 Number of sensor connections: Up to 8 350Ω analog sensors
 Input signal range: -20mV~20mV
 Display mode: 7-bit VFD (vacuum fluorescent display);
 Communication serial port: RS-232/RS-485,
 baud rate: 1200bps~19200bps
 Communication protocol: Modbus RTU, continuous transmission
 Analog output (optional) current: 4mA~20mA;
 (Select one on site) or voltage: 0V~10V
 Dimensions (h x w x d): 115 x 215 x 218 mm
 Opening size (h x w): 101 x 191 mm
 Power supply: AC 220V, frequency 50/60 Hz, maximum power consumption 20W



<< XK3101E

产品简介:

XK3101E是一种多用途称重仪表。采用高速采样及数据处理, 适用于配料秤, 定值包装秤, 重量分选等。采用48 x 96mm铝合金外壳, 可方便的嵌入控制柜。

主要特点

- ※开机具有自我诊断及选配件配置信息显示功能;
- ※可通过计算机进行仪表参数设定;
- ※可通过计算机进行重量标定;
- ※三种标定方法: 砝码标定、标率输入、输入传感器灵敏度;
- ※三路可编程外部输入, 可设置做为标定开关;
- ※输出比较周期可设定, 最快100次/秒;
- ※数字调整模拟量输出(模拟输出板选配);
- ※模拟量输出更新速度可设置, 最快100次/秒;
- ※可选配接口板: RS232接口/RS485输出接口(二选一);
- ※4~20mA模拟量输出板/0~10V模拟量输出板(二选一);

技术参数

AD转换方式: Σ - Δ 24bit高精度A/D转换
 分度值: 1、2、5、10、20、50可选
 输入灵敏度: 大于1.5uV/e,
 传感器激励电压: DC 10V, 可驱动4只350Ω的模拟传感器
 输入信号范围: -25mV~25mV
 显示: 6位LED数码管, 字高0.56寸
 四路高低限输出: 三极管OC无源输出(-DC是两路继电器输出)
 大屏幕接口: 电流环, 波特率600, 通讯距离100米
 使用温度为: 0℃~40℃, 小于85%RH
 存储温度为: -20℃~60℃, 小于95%RH
 外形尺寸(h x w x d): 48 x 96 x 162 mm
 开孔尺寸: 46mm x 93mm
 电源: 交流220V或110V(出厂前指定), 频率50Hz
 XK3101E-DC: 直流24V
 功耗: 小于10瓦

Introduction

The XK3101E is a multiple purpose weighing instrument. High-speed sampling and data processing, suitable for batching scales, fixed-value packaging scales, peak testing, etc. It is easy to embed in the control cabinet with a 48 x 96mm aluminum alloy casing.

Main features

- ※ The boot has self-diagnosis and optional accessory configuration information display function;
- ※ Instrument parameter setting can be performed by computer;
- ※ The weight can be calibrated by computer;
- ※ Three calibration methods: weight calibration, standard rate input, input sensor sensitivity;
- ※ Three-way programmable external input, can be set as a calibration switch;
- ※ Output comparison period can be set, the fastest 100 times / sec;
- ※ Digital adjustment analog output (optional output board option);
- ※ The analog output update speed can be set, the fastest 100 times / sec;
- ※ Optional interface board: RS232 interface / RS485 output interface (choose one);
- ※ 4~20mA analog output board/0~10V analog output board (choose one);

Technical Parameters

AD conversion method: Σ - Δ 24bit high precision A/D conversion
 Division value: 1, 2, 5, 10, 20, 50 optional
 Input sensitivity: > 1.5uV/e,
 Sensor excitation voltage: DC 10V, can drive 4pcs 350Ω analog sensors
 Input signal range: -25mV~25mV
 Display: 6-digit LED digital tube, word height 0.56 inch
 Four high and low limit outputs Transistor OC passive output (-DC is two relay outputs)
 Large screen interface Current loop, baud rate 600bps, communication distance 100 meters
 The operating temperature: 0℃~40℃, ≤85% RH
 Storage temperature: -20℃~60℃, ≤95% RH
 Dimensions (h x w x d): 48 x 96 x 162 mm
 Opening size: 46mm x 93mm
 Power supply: AC 220V or 110V (specified before delivery), frequency 50Hz
 XK3101E-DC: DC 12~24V, power consumption: ≤10W



<< XK3101T4

产品简介:

采用24位高精度ADC转换芯片，直流12~24V供电，面板式安装，结构简单，体积小，安装方便，适用于特殊用途的数字显示仪表。

主要特点

- ※防水式外壳
- ※按键：采用薄膜按键，包括置零、去皮、累计、累显四个键
- ※全双工RS232接口，支持两种通讯协议：连续发送或命令方式
- ※可以通过串口进行去皮、清零等操作。

技术参数

AD转换方式：Σ-Δ24bit高精度A/D转换
 分度值：1、2、5、10、20、50可选
 输入灵敏度：大于1.5uV/d,
 传感器激励电源：DC 5V 50mA;
 传感器连接数量：最多4只350Ω的模拟传感器
 输入信号范围：-20mV~20mV
 显示方式：6位数码LED，字高0.56寸
 通讯串口：RS-232波特率：1200bps~9600bps
 通讯协议：连续发送、命令方式
 外形尺寸(h x w x d)：90 x 160 x 50 mm
 开孔尺寸(h x w)：67 x 137 mm
 固定孔位(h x w)：54 x 148mm (4个直径4.5mm) ;
 78 x 74mm (4个直径4.5mm) ;
 电源：直流12~24V;
 功耗：小于3瓦

Introduction

XK3101-T4 use 24-bit high-precision ADC conversion chip, DC 12 ~ 24V power supply, panel installation, simple structure, small size, easy installation, suitable for special purpose digital display instruments.

Features

Waterproof housing
 Buttons:membrane buttons, including four buttons for zero setting, peeling, accumulating and accumulating
 Full-duplex RS232 interface, supports two communication protocols: continuous sending or command mode
 Tare and clear operations through the serial port is supported.

Technical Parameter

AD convert: Σ-Δ24bit high precision A/D convert
 Division value: 1, 2, 5, 10, 20, 50 optional
 Input sensitivity: > 1.5uV/d,
 Sensor excitation voltage: DC 5V 50mA;
 Number of sensor connections: Up to 4pcs 350Ω analog sensors
 Input signal range: -20mV~20mV
 Display mode: 6-digit segment LED, word height 0.56 inch
 Communication serial port: RS-232 baud rate: 1200bps~9600bps
 Communication protocol: continuous sending, command mode
 Dimensions (h x w x d): 90 x 160 x 50 mm
 Installation hole size (h x w): 67 x 137 mm
 Fixed hole position (h x w): 54 x 148mm (4 diameters 4.5mm),
 78 x 74mm (4 diameters 4.5mm),
 Power supply: DC 12~24V;
 Power consumption: < 3W



<< XK3101W

产品简介:

XK3101W系列仪表是一款采用32位高速单片机平台，高精度24位模数转换器，直流10V传感器激励电源，电气连接采用可靠的插拔式接线端子，特别适合各种工业环境进行高精度重量采集。可实现与PC、PLC、DCS等设备的实时现场总线通讯。广泛应用于冶金、化工、建材、涂料、粮食与饲料等行业。

应用领域

反应釜称重、料罐秤等
 DSC称重控制系统

主要特征

- 1、铝合金嵌入式外壳；
- 2、6位可靠耐用的LED数码管显示，字高20mm；
- 3、具有RS232/RS485接口，支持MODBUS RTU协议；
- 4、独立大屏幕接口（电流环）；
- 5、具有4路开关量输出、3路输入；
- 6、具有以太网接口，支持MODBUS TCP协议；
- 7、内嵌网页进行网络接口参数配置

技术参数

AD转换方式：Σ-Δ24bit高精度A/D转换
 分度值：1、2、5、10、20、50可选
 输入灵敏度：大于1.5uV/d,
 传感器激励电源：DC 10V 120mA;
 传感器连接数量：最多6只350Ω的模拟传感器
 输入信号范围：-20mV~20mV
 显示方式：6位LED数码管；
 通讯串口：RS-232/RS-485,
 波特率：1200bps~19200bps
 TCP/IP接口：MODBUS TCP协议
 开关量输入类型：2路光电隔离的开关量输入点（有源）
 开关量输出类型：4路光电继电器输出点（无源）
 外形尺寸(h x w x d)：87 x 172 x 125mm
 开孔尺寸(h x w)：76 x 151 mm
 电源：交流220V，频率50/60 Hz，最大功耗20W

Introduction

XK3101W series electronic weighing indicator adopt 32 bit of high-speed single chip and adopts 24 bit of A/D transformer with high precision. And it is with excitation of DC10v, the electrical connection adopts the plug type terminal which suitable in high accurate collection of weight application. It can achieve real-time communication with PC,PLC,DCS and other equipment. This indicator widely used in the metallurgy, chemical industry, building industry, coating industry and food industries.

Application

Reaction still weighing, tank weighing
 DCS weighing control system

Main feature

1. Aluminum embedded shell
2. 6bits durable LED, 20mm word height;
3. RS232/RS485 interface. Support MODBUS RTU Protocol
4. Remote display interface
5. 4way switch value input, 3way output
6. Ethernet interface, support MODBUS TCP Protocol
7. Built-in web page for the configuration of network interface

Technical parameter

AD Conversion: Σ-Δ24bit High accurate A/D Conversion
 Division: 1, 2, 5, 10, 20, 50 optional
 Input Sensitivity: > 1.5uV/d
 Excitation power of Load cell: DC 10V 120mA
 The number of connection of Loadcell: Maximum 6pcs 350Ω analogue load cell
 Input signal range: -20mV~20mV
 Display: 6bit LED
 Communication mode: RS-232/RS-485,
 baud rate: 1200bps~19200bps
 TCP/IP interface: MODBUS TCP Protocol
 On-Off input type: 2way photoelectric isolation switch input point (active)
 On-Off output type: 4way photoelectric reply output(passive)
 Dimension (h x w x d): 87 x 172 x 125mm
 Hole dimension (h x w): 76 x 151 mm
 Power supply: 220V, 50/60 Hz, 20W

控制仪表 Industrial control indicator R30.20



<< R30.20

产品简介:

R30仪表是一款专用于工业过程中的多物料定量配料的数字显示仪表。R30具有46mmX92mm紧凑的安装结构,适用于化工,建材,橡胶塑料,混凝土,粮食与饲料等行业的配料等场合。

特点及基本功能:

- 体积小,结构紧凑
- 双显示窗口+状态指示栏
- 灵活配料流程
- 双速给料
- R30.20支持4种物料配料, R30.00支持1种物料配料, R30.10 (带模拟量输出)
- 提前量(落差)自动修正
- 存储10个配料配方
- 支持流程掉电重启后继续
- 多种报表输出
- 三个备用输出点

技术参数

AD转换方式: Σ - Δ 24bit高精度A/D转换
 分度值: 1、2、5、10、20、50可选
 输入灵敏度: 大于1.5uV/d,
 传感器激励电源: DC 5V 100mA
 传感器连接数量: 最多6只350 Ω 的模拟传感器,
 输入信号范围: -20mV~20mV
 键盘: 4只轻触薄膜按键
 主显示: 6位红色LED显示器
 副显示: 6位绿色LED显示器
 状态栏: 10位状态指示LED
 开关量输入类型: 4路光电隔离的开关量输入点(有源)
 开关量输出类型: 12路光电继电器输出点(无源)
 通讯接口: 隔离串行口, RS485/RS232 (内部跳线设定, 二选一)
 通讯协议: 连续输出格式, 打印输出, MODBUS-RTU
 使用环境: 温度: -10 ~ +40°C; 相对湿度: 10% ~ 90%
 储存环境: 温度: -30 ~ +60°C; 相对湿度: 10% ~ 90%
 产品尺寸(WxHxD): 104mm x 59mm x 130mm
 开孔尺寸(WXH): 93mm x 46mm
 电源: 直流24V

Introduction

R30 is a digital controller, which is designed for multiple material dosing in industrial processes. The R30 has a compact mounting structure of 46mm x 92mm dimension that suitable for chemical, building materials, rubber and plastics, concrete, food and feed industries.

Main features

- Small dimension, compact design
- Double display window, status indicate light
- Flexible dosing process
- Double speed feeding
- R30.20 is for 4 ingredient dosing, R30.00 is for 1 ingredient dosing, R30.10 (with analog output)
- Preliminary dosing (drop) automatic self-correcting
- 1Cset formula memory
- Automatic restart after power down and continue current flow
- Multiple reports export
- 3pcs backup output point

Technical Parameters

A/D convert: Σ - Δ 24bit high-precision A/D
 Division value: 1、2、5、10、20、50 option
 Input sensitivity: > 1.5uV/d,
 Power supply to load cells: DC 5V 100mA
 Quantity of load cell: Max 6pcs 350 Ω analog load cell
 Range of input signal: -20mV~20mV
 Keyboard: 4pcs membrane touch key
 Main display: 6-bit red LED
 Auxiliary display: 6-bit green LED
 Status indicator: 10 LED status indicators
 Switch value input: 4-way photoelectric isolated switching input point (active)
 Switch value output: 12-way photoelectric relay output point (passive)
 Communication interface: Isolation serial port, RS485/RS232 (internal jumper wire, alternative)
 Communication protocol: Serial output format, printing output, MODBUS-RTU
 Operation condition: Temp: -10 ~ +40°C; Relative humidity: 10% ~ 90%
 Storage condition: Temp: -30 ~ +60°C; Relative humidity: 10% ~ 90%
 Dimension (WxHxD): 104mm x 59mm x 130mm
 Installation hole size (WXH): 93mm x 46mm
 Power supply: DC 24V

控制仪表 Industrial control indicator R32.10



<< R32.10

产品简介:

R32系列是面向工业控制领域的数字显示仪表,具有多种串行通讯接口协议(Modbus与Profibus DP)能直接与DCS系统连接。仪表采用嵌入式铝合金外壳,防尘不锈钢前面板,可方便的嵌入控制柜。

主要特点:

- 防尘不锈钢前面板,嵌入式安装
- 采用24位高精度AD转换芯片,100Hz采样率
- 标配RS232/RS485接口,支持大屏幕、支持MODBUS RTU通讯
- 外部接线采用插拔式接线端子,连接可靠
- 具有实时时钟
- 标配Profibus DP接口

技术参数

AD转换方式: Σ - Δ 24bit高精度A/D转换
 分度值: 1、2、5、10、20、50可选
 输入灵敏度: 大于1.5uV/d,
 传感器激励电源: 5VDC, 最多驱动6只350 Ω 的模拟传感器,
 信号范围: -20mV~20mV
 使用环境: -10 ~ +40°C; 相对湿度: 10% ~ 90%
 储存环境: -20 ~ +50°C; 相对湿度: 10% ~ 90%
 通讯串口: RS-232 /RS485 (二选一)
 波特率: 1200bps~19200bps
 协议: Modbus, 连续发送协议, 大屏幕协议
 电源: 220VAC, 50/60 Hz功耗: \leq 15W
 外形尺寸(h x w x d): 87 x 172 x 120 mm
 开孔尺寸(h x w): 76 x 151 mm

Introduction

R32 is a digital indicator for industrial control, with a variety of serial communication interface protocols (Modbus and Profibus DP), it can directly be connected to the DCS system. The indicator with embedded aluminum alloy casing and dust-proof stainless steel front panel, which can be easily embedded in the control cabinet.

Main features

- Dust-proof stainless front panel, embedded mounting
- 24-bit high-precision AD converting, 100Hz sampling frequency
- Standard RS232/RS485 port, remote display interface, MODBUS RTU
- External detachable terminal block, reliable connection
- Real time clock
- Standard Profibus DP port

Technical Parameters

AD converter: Σ - Δ 24bit high-precision A/D
 Division value: 1、2、5、10、20、50 optional
 Input sensitivity: > 1.5uV/d,
 Excitation voltage to load cell: 5VDC, Max 6pcs 350 Ω analog load cell
 Range of input signal: -20mV~20mV
 Operation condition: Temp -10 ~ +40°C; Relative humidity: 10% ~ 90%
 Storage condition: Temp -20 ~ +50°C; Relative humidity: 10% ~ 90%
 Communication serial port: RS-232 /RS485 (alternative)
 Baud rate: 1200bps~19200bps
 Protocol: Modbus, serial output, remote display protocol
 Power supply: 220VAC, 50/60 Hz, consumption: \leq 15W
 Dimension (h x w x d): 87 x 172 x 120 mm
 Installation hole size (h x w): 76 x 151 mm



<< R33.20

产品简介:

R33系列仪表是一款采用高速单片机平台，专用于工业过程中的定量称重、8物料配料控制应用的高品质数字显示仪表。R33充分考虑工业称重的应用特点，除提供足够多输入输出和通讯接口外，通过扩展选件接口，可实现与PC、PLC、DCS等设备的实时现场总线通讯。R33广泛应用于冶金，化工，建材，涂料，粮食与饲料等行业的灌装、配料等场合。

特点及基本功能:

- 面板嵌入式结构，安装快捷
- 内置累加配料控制流程
- 独立完成1-8种物料配料控制
- 存储10个配方信息
- 采用24位高精度SIGMA-DELTA AD转换芯片，100Hz有效输出率
- 落差自动修正
- 自动累计与误差分析
- 12路三极管输出（OC无源）
- 标配隔离RS232与RS485接口
- 串口通讯支持微型打印机格式
- 支持MODBUS RTU通讯
- 可按预设批次量工作

技术参数

AD转换方式: $\Sigma - \Delta$ 24bit高精度A/D转换
 分度值: 1、2、5、10、20、50可选
 输入灵敏度: 大于1.5uV/d
 传感器接口: 激励电压: 10V Dc, 驱动最多6只350Ω传感器, 或等效阻抗大于58Ω的传感器负载。
 输入信号范围: -30mV ~ +30mV。
 显示: 6位红色LED数码管, 字高14mm;
 上排显示: 6位绿色LED数码管, 字高10mm;
 键盘: 16键轻触薄膜按键
 开关量输入: 8个光电隔离的开关量输入点 (无源输入, 与公共端短接有效)
 开关量输出: 12个三极管(OC无源)输出
 通讯接口: 1路隔离RS232与1路隔离RS485
 通讯协议: 连续输出格式, 打印输出, MODBUS-RTU。
 使用环境: -10 ~ +40°C; 相对湿度: 10% ~ 90%
 储存环境: -30 ~ +60°C; 相对湿度: 10% ~ 90%
 电源: 110VAC或220VAC(出厂前设置), 功耗<30W
 产品尺寸(WxHxD): 175mm x 90mm x 158mm (含端子)
 产品自重: 约1.9kg
 外壳结构: 面板式结构。
 前面板: SS304, IP65; 壳体: 铝合金, IP42。

Introduction

R33 series is a high-quality digital indicator that uses high-speed single-chip technology, specialize for quantitative weighing and 1 to 8 material batching in industrial processes. In addition to providing enough input, output and communication interfaces, R33.20 can achieve real-time fieldbus communication with PC, PLC, DCS and other devices by expanding optional interfaces. R33 is widely used in metallurgy, chemical, building materials, coatings, food and dosing industries, such as filling, ingredients and other occasions.

Main features

- Embedded front panel, easy installation
- Built-in accumulation dosing controlling process
- 1 to 8 ingredients dosing controlling individually
- 10 set formula memory
- 24-bit high-precision SIGMA-DELTA AD converting chip, 100Hz output
- Dropping automatic self-correcting
- Auto-accumulation and error analysis
- 12-way triode output (OC passive)
- Standard isolated RS232 and RS485 port
- Serial communication to micro-printer
- Support MODBUS RTU
- Preset batch task

Technical Parameters

AD converting mode: $\Sigma - \Delta$ 24bit high-precision A/D converting
 Division value: 1, 2, 5, 10, 20, 50 optional
 Input sensitivity: > 15uV/d
 Power supply to load cells: 10V DC, max 6pcs 350Ω analog load cell or equal to resistance of 58Ω
 Range of input signal: -30mV ~ +30mV。
 Display: 6-bit red LED, word height 14mm;
 Upper screen: 6-bit green LED, word height 10mm;
 Keyboard: 16pcs membrane touch key
 Switch value input: 8pcs optoelectronic isolation input point (passive input, valid to common point)
 Switch value output: 12pcs triode (OC passive) output
 Communication interfaces: 1-way isolated RS232 and 1-way isolated RS485
 Communication protocol: serial output, printing output, MODBUS-RTU。
 Operation condition: -10 ~ +40°C; Relative humidity: 10% ~ 90%
 Storage condition: -30 ~ +60°C; Relative humidity: 10% ~ 90%
 Power supply: 110VAC or 220VAC (set before leave factory), consumption < 30W
 Outline (WxHxD): 175mm x 90mm x 158mm (include terminal)
 Weight: around 1.9kg
 Housing: front panel SS304, IP65; case aluminum, IP42。



<< R35.20

产品简介:

R35系列仪表是一款采用高速单片机平台，专用于工业过程中的定量称重、1-8物料配料控制应用的高品质数字显示仪表。R35充分考虑工业称重的应用特点，除提供足够多输入输出和通讯接口外，通过扩展选件接口，可实现与PC、PLC、DCS等设备的实时现场总线通讯。R35广泛应用于冶金，化工，建材，涂料，粮食与饲料等行业的灌装、配料等场合。

主要功能特点:

- 面板嵌入式结构，安装快捷
- 内置累加配料控制流程
- 独立完成1-8种物料配料控制
- 存储10个配方信息
- 采用24位高精度SIGMA-DELTA AD转换芯片，100Hz有效输出率
- 落差自动修正
- 自动累计与误差分析
- 12路三极管输出（OC无源）
- 标配隔离RS232与RS485接口
- 串口通讯支持微型打印机格式
- 支持MODBUS RTU通讯
- 7英寸TFT显示屏，分辨率800 x 480，带触摸控制
- 可按预设批次量工作

技术参数

AD转换方式: $\Sigma - \Delta$ 24bit高精度A/D转换
 分度值: 1、2、5、10、20、50可选
 输入灵敏度: 大于1.5uV/d
 传感器接口: 激励电压: 10V Dc, 驱动最多6只350Ω传感器, 或等效阻抗大于58Ω的传感器负载。
 输入信号范围: -30mV ~ +30mV。
 显示: 7英寸TFT显示屏, 分辨率800 x 480, 带触摸控制, R35.20E是英文界面。
 开关量输入: 8个光电隔离的开关量输入点 (无源输入)
 开关量输出: 12个三极管(OC无源)输出
 通讯接口: 1路隔离RS232与1路隔离RS485
 通讯协议: 连续输出格式, 打印输出, MODBUS-RTU。
 电源: 24VDC, 功耗<30W
 使用环境: -10 ~ +40°C; 相对湿度: 10% ~ 90%
 储存环境: -30 ~ +60°C; 相对湿度: 10% ~ 90%
 产品尺寸(WxHxD): 222mm x 122mm x 160mm (含端子)
 产品自重: 约2.2kg
 外壳结构: 面板式结构。
 前面板: SS304, IP65; 壳体: 铝合金, IP42。

Introduction

R35 series is a high-quality digital indicator that uses high-speed single-chip technology, which is used for defined weighing and 1 to 8 material batching in industrial processes, specialize for quantitative weighing and 1 to 8 material batching in industrial processes. In addition to providing enough input, output and communication interfaces, R35 can achieve real-time fieldbus communication with PC, PLC, DCS and other devices by expanding optional interfaces. R35 is widely used in metallurgy, chemical, building materials, coatings, food and dosing industries, such as filling, ingredients and other occasions.

Main parameter:

- Embedded front panel, easy installation
- Built-in accumulation dosing controlling process
- 1 to 8 ingredients dosing controlling individually
- 10 set formula memory
- 24-bit high-precision SIGMA-DELTA AD converting chip, 100Hz output
- Dropping automatic self-correcting
- Auto-accumulation and error analysis
- 12-way triode output (OC passive)
- Standard isolated RS232 and RS485 port
- Serial communication to micro-printer
- Support MODBUS RTU
- Preset batch task

Technical Parameters

AD converting mode: $\Sigma - \Delta$ 24bit high-precision A/D converting
 Division value: 1, 2, 5, 10, 20, 50 optional
 Input sensitivity: > 15uV/d
 Power supply to load cells: 10V DC, max 6pcs 350Ω analog load cell or equal to resistance of 58Ω
 Range of input signal: -30mV ~ +30mV。
 Display: 7inch TFT display, image resolution 800 x 480, touching controlling, R35.20E English interface。
 Switch value input: 8pcs optoelectronic isolation input point (passive input, valid to common point)
 Switch value output: 12pcs triode (OC passive) output
 Communication interfaces: 1-way isolated RS232 and 1-way isolated RS485
 Communication protocol: serial output, printing output, MODBUS-RTU。
 Power supply: 24VDC, consumption < 30W
 Operation condition: -10 ~ +40°C; Relative humidity: 10% ~ 90%
 Storage condition: -30 ~ +60°C; Relative humidity: 10% ~ 90%
 Dimension (WxHxD): 222mm x 122mm x 160mm (including terminal)
 Weight: around 2.2kg
 Housing: front panel SS304, IP65; case aluminum, IP42。

控制仪表 Industrial control indicator R36.10



<< R36.10

产品简介:

仪表采用高速单片机平台，高速A/D转换器，能捕捉峰值和瞬时力值。仪表具有4点继电器输出，2路无源开关量输入，可以实现上下限判断，瞬间值触发，手动清除等功能；仪表具有双串口，可以连接打印机、计算机、大屏幕等外设。仪表采用盘装式铝合金外壳，防尘不锈钢前面板，可方便的嵌入控制柜。是各种力值试验机理想的配套仪表。

特点及基本功能:

- 双屏显示
- 双串口 (RS232)，支持计算机、打印机、大屏幕，支持Modbus协议
- 自动存储 (4000条)、自动打印
- 实时时钟
- 双向抓取峰值
- 瞬间值捕获
- 四路继电器输出
- Kg、N显示单位切换

技术参数

AD转换方式: $\Sigma - \Delta$ 24bit高精度A/D转换
 分度值: 1, 2, 5, 10, 20, 50可选
 输入灵敏度: 大于1.5uV/d,
 传感器接口: 激励电压: 5V DC, 驱动最多6只350Ω传感器, 或等效阻抗大于58Ω的传感器负载。

显示:
 上排显示: 6位红色LED数码管, 字高14mm;
 下排显示: 6位绿色LED数码管, 字高10mm;
 键盘: 8键轻触薄膜按键。
 开关量输入: 2路无源输入
 开关量输出: 4路继电器输出, 常开触点
 通讯接口: 2路RS232
 通讯协议: 连续输出格式, 打印输出, MODBUS-RTU。
 电源: 220VAC功耗<20W
 使用环境: -10 ~ +40°C; 相对湿度: 10% ~ 90%
 储存环境: -30 ~ +60°C; 相对湿度: 10% ~ 90%
 产品尺寸(WxHxD): 172mm x 87mm x 120mm。
 (不含端子)
 产品自重: 约1.2kg
 外壳结构: 面板式结构。前面板: SS304, IP65; 壳体: 铝合金, IP42。

Introduction

The indicator uses a high-speed micro controller platform, a high-speed ADC converter that captures peak and instantaneous force values. The indicator has 4 relay outputs and 2 passive switch inputs, which can achieve upper and lower limit judgment, instantaneous value trigger, manual cleaning, etc. The indicator has dual serial ports, which can be connected to printers, computers, large screens and other peripherals. The indicator adopts a disc-mounted aluminum alloy casing and a dust-proof stainless steel front panel, which can be easily embedded in the control cabinet. It is an ideal matching instrument for various force value testing machines.

Main features:

- Dual display
- Dual serial port (RS232), support computer, printer, large screen, support Modbus protocol
- Automatic storage (4000 set records), automatic printing
- Real-time Clock
- Two-way peak value collection
- Instantaneous value capture
- Four-way relay output
- Kg, N display unit switching

Technical parameters:

AD conversion method: $\Sigma - \Delta$ 24bit high precision A/D conversion
 Division value: 1, 2, 5, 10, 20, 50 optional
 Input sensitivity: > 1.5uV/d,
 Sensor Interface: Excitation voltage 5V DC, driving up to 6pcs 350Ω sensors, or sensor loads with equivalent resistance greater than 58Ω.

display:
 The upper display: 6 red LED, word height 14mm.
 The lower display: 6 green LED, word height 10mm,
 Keyboard: 8 membrane buttons.
 Digital input: 2 passive inputs
 Switching output: 4 relay outputs, normally open contacts
 Communication interface: 2 way RS232
 Communication protocol: continuous output format, printout, MODBUS-RTU.
 Power supply: 220VAC power consumption <20W
 Operating environment: -10 ~ +40°C; relative humidity: 10% ~ 90%
 Storage environment: -30 ~ +60°C; relative humidity: 10% ~ 90%
 Dimension (WxHxD): 172mm x 87mm x 120mm. (without terminals)
 Product weight: about 1.2kg
 Housing: front panel: SS304, IP65; case aluminum alloy, IP42.

控制仪表 Industrial control indicator R56



<< R56

产品简介:

R56系列仪表是一款采用高速单片机平台，专用于工业过程中的定量包装、单物料配料控制应用的高品质数字显示仪表。R56充分考虑工业称重的应用特点，除提供足够多输入输出和通讯接口外，通过扩展选件接口，可实现与PC、PLC、DCS等设备的实时现场总线通讯。R56主要应用于粮食与饲料等行业的包装机械。

· 特点及基本功能:

- 面板嵌入式结构，安装快捷
- 内置累加配料控制流程
- 内置有斗秤与无斗秤包装机控制流程
- 存储10个品号信息
- 采用24位高精度SIGMA-DELTA AD转换芯片，100Hz有效输出速率
- 快中慢三速加料，落差自动修正
- 自动累计与误差分析
- 12路三极管输出 (OC)
- 标配隔离RS232与RS485接口
- 串口通讯支持微型打印机格式
- 支持MODBUS RTU通讯
- 7英寸TFT显示屏，分辨率800 x 480，带触摸控制
- 可预设总数或总重

· 主要技术参数:

AD转换方式: $\Sigma - \Delta$ 24bit高精度A/D转换
 分度值: 1, 2, 5, 10, 20, 50可选
 输入灵敏度: 大于1.5uV/d,
 传感器接口: 激励电压: 10V DC, 驱动最多6只350Ω传感器, 或等效阻抗大于58Ω的传感器负载。

输入信号范围: -30mV ~ +30mV。
 显示: 7英寸TFT显示屏, 分辨率800 x 480, 带触摸控制, R36.20E是英文界面。
 开关量输入: 3个光电隔离的开光量输入点 (无源输入)
 开关量输出: 12个三极管 (OC无源) 输出
 通讯接口: 1路隔离RS232与1路隔离RS485
 通讯协议: 连续输出格式, 打印输出, MODBUS-RTU。
 电源: 24VDC功耗<30W
 使用环境: -10 ~ +40°C; 相对湿度: 10% ~ 90%
 储存环境: -30 ~ +60°C; 相对湿度: 10% ~ 90%
 产品尺寸(WxHxD): 222mm x 122mm x 180mm (含端子)
 产品自重: 约2.2kg
 外壳结构: 面板式结构。前面板: SS304, IP65; 壳体: 铝合金, IP42。

Introduction

R56 series indicator is a high-quality digital display instrument that uses high speed single chip platform, which is used for quantitative packaging and single material batching control applications in industrial processes. R56 fully considers the application characteristics of industrial weighing. In addition to providing enough input, output and communication interfaces, real-time fieldbus communication with PC, PLC, DCS and other devices can be achieved by expanding the option interface. R56 is mainly used in packaging machinery in the food and feed industries.

Main features:

- Panel embedded structure, quick installation
- Built-in cumulative ingredient control process
- Built-in bucket scale and non-bucket scale packaging machine control process
- Store 10 item number information
- 24-bit high-precision SIGMA-DELTA AD conversion chip, 100Hz effective output rate
- Fast, medium and slow three-speed feeding, automatic correction of drop
- Automatic accumulation and error analysis
- 12-way triode output (OC)
- Standard isolation RS232 and RS485 interface
- Serial communication supports micro printer format
- Support MODBUS RTU communication
- 7-inch TFT display with resolution of 800 x 480 with touch control
- Preset total quantity or total weight

Technical parameters:

AD conversion method: $\Sigma - \Delta$ 24bit high precision A/D conversion
 Division value: 1, 2, 5, 10, 20, 50 optional
 Input sensitivity: > 1.5uV/d,
 Sensor interface: excitation voltage: 10V DC, driving up to 6pcs 350Ω sensors, or sensor load with equivalent resistance greater than 58Ω.

Input signal range: -30mV ~ +30mV.
 Display: 7-inch TFT display, resolution 800 x 480, with touch control, R36.20E is the English interface.
 Digital input: 3 optically isolated opening inputs (passive input)
 Switching output: 12 triode (OC passive) output
 Communication interface: 1 channel isolated RS232 and 1 channel isolated RS485
 Communication protocol: continuous output format, printout, MODBUS-RTU.
 Power supply: 24VDC, power consumption <30W
 Operating environment: -10 ~ +40°C; relative humidity: 10% ~ 90%
 Storage environment: -30 ~ +60°C; relative humidity: 10% ~ 90%
 Dimension (WxHxD): 222mm x 122mm x 180mm (with terminal)
 Weight: about 2.2kg
 Housing: front panel SS304, IP65; case aluminum alloy, IP42.



<< KM01F

产品简介:

KM01F系列仪表是一款采用32位高速单片机平台, 高精度24位模数转换器, DIN35导轨固定外壳, 电气连接采用可靠的插拔式接线端子, 特别适合各种工业环境进行高精度重量变送与控制。可实现与PC、DCS等设备的实时现场总线通讯。广泛应用于冶金, 化工, 建材, 涂料, 粮食与饲料等行业。

· 应用领域

反应釜称重、料罐秤等
DCS称重控制系统

· 特点及基本功能:

- 1、DIN35导轨固定式外壳;
- 2、6位LED数码管显示, 字高10mm;
- 3、双串口, 具有RS232和RS485接口, 支持MODBUS RTU协议;
- 4、0-10V/4-20mA模拟量接口;
- 5、具有5路开关量输出, 3路输入;

· 主要技术参数:

AD转换方式:	Σ-Δ 24bit高精度A/D转换
分度值:	1、2、5、10、20、50可选
输入灵敏度:	大于1.5uV/d,
传感器激励电源:	DC 5V 90mA;
传感器连接数量:	最多6只350Ω的模拟传感器
输入信号范围:	-20mV~20mV
显示方式:	6位LED数码管;
通讯串口:	RS-232/RS-485, 波特率: 2400bps~57600bps
通讯协议:	连续协议, 大屏幕, MODBUS RTU协议
开关量输入类型:	3路光电隔离的开关量输入点
开关量输出类型:	5路光电继电器输出点
外形尺寸:	76.5 × 132 × 57 (mm)
电源:	直流24V, 最大功率10W

Introduction

KM01F series indicator is a 32-bit high-speed single-chip platform, high-precision 24-bit AD converter, DIN35 rail-mounted casing, electrical connection with reliable plug-in terminal block, especially suitable for high-precision weighing data transfer in various industrial applications, real-time fieldbus communication with PC, DCS and other devices. Widely used in metallurgy, chemical, building materials, coatings, food and feeding industries.

Applications

Reaction still weighing, hopper scale weighing, ect
DCS weighing controlling system

Characteristics:

- 1、DIN35 rail casting;
- 2、6-bit LED, word height: 10mm;
- 3、Double serial ports, interface of RS232 and RS485, available to MODBUS RTU protocol;
- 4、0-10V/4-20mA analog input;
- 5、5-way switch output, 3-way input;

Technical Parameters:

AD convert:	Σ-Δ 24bit high-precision A/D
Division value:	1、2、5、10、20、50 for option
Sensitivity:	> .5uV/d,
Power supply of load cell:	DC 5V 90mA;
Quantity of load cell:	Max 6pcs 350Ω analog load cell
input signal:	-20mV~20mV
Display mode:	6-bit LED;
Serial port:	RS-232/RS-485, baud rate: 2400bps~57600bps
Protocol:	Serial protocol, remote display, MODBUS RTU
Mode of switch input:	3-way optically isolated switching input point
Mode of switch output:	5-way optically isolated switching output point
Outline:	76.5 × 132 × 57 (mm)
Power supply:	DC 24V, max consumption 10W



<< JZQ

产品简介:

计轴器主要用于计算车辆轴数, 用于公路超载检测。可以接两个窄条型一体化专用传感器。具有两个串口 (RS232与RS485), 内置显示, 多种工作方式, 两路开关量输入接口用于光幕分离车辆。采用高速ADC, 采样速度800Hz。

· 应用领域

公路超载检测汽车计轴

· 特点及基本功能:

- 1、密封盒式结构
- 2、两个传感器接口
- 3、光幕或地感线圈同步接口
- 4、采用24位高精度Σ-Δ A/D转换芯片, 800Hz有效输出率
- 5、内置6位显示, 可翻页显示重量、峰值、轴数
- 6、直流10V激励电压
- 7、标配隔离RS232与RS485接口
- 8、支持MODBUS RTU通讯
- 9、支持光幕同步清零与自动清零

· 主要技术参数:

电源:	24VDC, 功耗: ≤5W
外壳:	材质: 铸铝, 防护等级: IP65
外形尺寸 (h x w x d):	220mm x 150mm x 57mm (含端子)
使用温度:	-20°C ~ 40°C, 小于90%RH, 无冷凝
储存温度:	-30°C ~ 60°C, 小于90%RH, 无冷凝
传感器接口:	传感器激励电压: 10VDC, 最多2只350Ω的模拟传感器
信号范围:	-20mV~20mV
通讯串口:	1路RS-232 + 1路RS485 波特率: 2400bps~115200bps
协议:	Modbus RTU, 连续发送协议 车辆通过速度 (配合窄条传感器): 小于20km/h

Introduction

The axle counter is mainly used for calculating the axes number of vehicles and for highway overload detection. It can connect two narrow strip type integrated special load cells. It has two serial ports (RS232 and RS485), built-in display, multiple working modes, and two-way switch input interface for separate vehicles. High speed ADC with sampling speed of 800Hz.

Application area

Vehicle axle counting for highway overload detection

Main features

1. Sealed box structure
2. Two load cell interfaces
3. Light curtain or ground sense coil synchronization interface
4. Use 24-bit high-precision SIGMA-DELTA AD converter on chip, 800Hz effective output rate
5. Built-in 6-bit display, can turn the page to display weight, peak value and axes number
6. DC 10V excitation voltage
7. Standard configuration isolation RS232 and RS485 interface
8. Support MODBUS RTU communication
9. Support light curtain synchronization clear and automatic clear

Technical Parameters

Power:	24V DC, power consumption: ≤5W
Housing:	Casting-aluminum, IP65 protection grade
Dimensions (h x w x d):	220mm x 150mm x 57mm (including terminal)
Operating temperature:	-20°C~40°C, less than 90% RH, no condensation
Storage temperature:	-30°C~60°C, less than 90% RH, no condensation
Load cell excitation voltage:	10VDC, up to 2pcs 350Ω analog load cells
Signal range:	-20mV~20mV
Communication serial port:	1 way RS232& 1 way RS485
Baud rate:	2400bps~115200bps
Protocol:	Modbus RTU, continuous transmission protocol
Vehicle passing speed (with narrow strip load cell):	less than 20km/h

防爆控制仪表 Explosion proof control indicator Ex-XK3101C1



<< Ex-XK3101C1

产品简介:

防爆等级: Exd[ia]ICGa) II BT6Gb 防爆合格证号: GYB19.2534X
Exd[ia]ICGa) II BT6b 的含义:

标志内容	符号	含义
防爆声明	Ex	符合某种防爆标准,如我国的国家标准
防爆方式	d	采用隔爆方法
气体类别	II B	允许涉及 II B 类爆炸性气体(典型气体乙烯)
温度组别	T6	仪表表面温度不超过85℃

主要功能特点:

- 体积小,隔爆等级高(与Ex-XK3101(N1)比较)
- 7位LED数码管显示,字高20mm;
- 标配带隔离设计的RS232/RS485通讯接口;
- 标配10路(光耦合隔离)开关量(4路输入6路三极管OC输出);
- 内置辅助DC12V/300mA电源输出(可以驱动继电器输出);
- 开关量输出可以设置一配料模式(双速双料、单速四料)、定值模式与上下限模式;
- 内置特殊设计的安全栅,改善了传感器输入信号不稳定的问题;
- 三种标定方法,方便现场调试
- 可扩展Profibus接口(选配);
- 可扩展4-20mA/0-10V模拟量输出接口(选配);

技术参数:

- 传感器激励: 直流5V,内阻30Ω,
(可驱动4只350Ω传感器)
- 传感器接口端本安参数:
 $U_0=6.3V, I_0=240mA, P_0=0.378W,$
 $C_0=15\mu F, L_0=0.3mH;$
- 最高灵敏度: 1.5uV/e
- 键盘: 六个防爆按钮
- 模拟信号输入范围: $0 \sim \pm 10mV$
- 电源: 交流220V/直流24V
- 电气连接接口: G3/4(六分)一个, G1/2(四分)2个
- 外形尺寸: 320 x 300 x 175mm (长 x 宽 x 高)
- 自重: 约10.9公斤

Introduction

Explosion class: Exd[ia]ICGa) II BT6Gb Certificate of approval No: GYB19.2534X
Explanation of Exd[ia]ICGa) II BT6b:

Content	Mark	Explanation
Explosion-proof declaration	Ex	Conform to some explosion-proof standards, such as National standard of China
Explosion-proof method	d	By adopting the method of isolation
Gas category	II B	Allow involving II B class explosive gas (typical gas ethylene)
Temp. Class	T6	The temp. of indicator surface is less than 85°C

Main functions and features:

- Smaller volume, higher explosion-proof class (Compared with Ex-XK3101(N1))
- 7bit LED digital tube display, character height: 20mm;
- Standard equipped with isolated RS232/RS485 communication interface;
- 10 way on-off (optical coupling isolation) (4 input, 6 DC output);
- Built-in assistant DC 12V/300mA power supply output (be able to drive relay output)
- On-off output can be set batching mode (double speed double material, signal speed four material), fixed value mode and top & bottom limitation.
- Built-in special designed safety barrier which improves the problem of input signal unstable;
- Three calibration methods make debugging on spot more easily
- Profibus interface (Optional);
- 4-20mA/0-10V analog output (Optional);

Technical Parameters:

- Load cell Excitation: DC 5V, 30Ω, (can drive 4pcs load cells of 350Ω)
- Intrinsic safety parameters of load cell connector: $U_0=6.3V, I_0=240mA,$
 $P_0=0.378W, C_0=15\mu F, L_0=0.3mH;$
- Maximum sensitivity: 1.5uV/e
- Keyboard: Six explosion-proof buttons
- Analog signal input range: $0 \sim \pm 10mV$
- Power Supply: AC 220VDC 24V
- Electrical connection interface: G3/4, cna interface, G1/2, two interfaces
- Overall dimensions: 320 x 300 x 175mm
(Length x width x height)
- Weight: about 10.9kgs

防爆控制仪表 Explosion proof control indicator Ex-XK3101(N1)



<< Ex-XK3101(N1)

产品简介:

产品设计专用于1或2区防爆的称重控制仪表,应用于油漆、化工、等危险场所。

防爆等级: Exd[ia]ICGa) II BT6Gb 防爆合格证号: GYB19.1193X
Exd[ia]ICGa) II BT6b 的含义:

标志内容	符号	含义
防爆声明	Ex	符合某种防爆标准,如我国的国家标准
防爆方式	d	采用隔爆方法
气体类别	II B	允许涉及 II B 类爆炸性气体(典型气体乙烯)
温度组别	T6	仪表表面温度不超过85℃

主要功能特点:

- 7位LED数码管显示,字高20mm;
- 标配带隔离设计的RS232/RS485通讯接口;
- 标配10路(光耦合隔离)开关量(4路输入6路三极管OC输出);
- 开关量输出可以设置一配料模式(双速双料、单速四料)、定值模式与上下限模式;
- 内置特殊设计的安全栅,改善了传感器输入信号不稳定的问题;
- 三种标定方法,方便现场调试。
- 可扩展Profibus接口(选配);
- 可扩展4-20mA/0-10V模拟量输出接口(选配);
- 内置辅助DC12V/300mA电源输出(可以驱动继电器输出);

技术参数:

- 传感器激励: 直流5V,内阻30Ω,(可驱动4只350Ω传感器)
- 传感器接口端本安参数: $U_0=6.3V, I_0=240mA, P_0=0.378W,$
 $C_0=15\mu F, L_0=0.3mH;$
- 最高灵敏度: 1.5uV/e
- 模拟信号输入范围: $0 \sim \pm 10mV$
- 键盘: 六个防爆按钮
- 电源: 交流220V
- 电气连接接口: G3/4(六分)一个, G1/2(四分)2个
- 外形尺寸: 420 x 325 x 235mm (长 x 宽 x 高)
- 自重: 约16公斤

Introduction

Ex-XK3101(N1) Weighing Indicator is specially designed for the Zone 1 and zone 2 explosionproof area, which is widely used in the field of painting, chemical and other explosionproof area.

Explosion criterion: Exd[ia]ICGa) II BT6Gb Certificate No: GYB19.1193X
Exd[ia]ICGa) II BT6b explanation

Mark Content	Symbol	Meaning
Statement	Ex	Conform to certain explosion proof criterion such as China's national standard
Explosion proof mode	d	Adopt isolation method
Gas category	II B	Allow related B category explosive gas (Typical ethylene)
Temperature class	T6	Indicator surface temperature ≤ 85°C

Main characteristics

- 7 LED digital tube display, word height 20mm;
- Standard equipped with isolated RS232/RS485 communication interface.;
- Standard equipped with 10 on-off (optional coupling isolation) (4 input 6 OC output);
- On-off output it can be set batching mode (double speed and double material, single speed four material), fixed value model, top and bottom limitation;
- Built-in special designed safety barrier which improved the load cell signal input
- 3 ways of calibration and easy for on site adjustment
- Profibus interface (Optional);
- 4-20mA/0-10V Analog output interface (Optional);
- Built-in assistant DC12V/300mA supply output (available to drive relay output);

Technical Parameters:

- Load cell excitation power supply: DC 5V, internal resistance 30Ω,
(drive 4pcs 350Ω load cells)
- Load cell port intrinsic parameters: $U_0=6.3V, I_0=240mA, P_0=0.378W,$
 $C_0=15\mu F, L_0=0.3mH;$
- Max Sensitivity: 1.5uV/e
- Analog Signal Input range: $0 \sim \pm 10mV$
- Keyboard: 6 Explosion proof BOTTONS
- Power supply: AC220V
- Electric connection port: G3/4 (six) 1pc, G1/2 (four) 2pcs
- Dimension: 420 x 325 x 235mm (L x W x H)
- Weight: Approx 16kg



<< XK3101-W1

产品简介:

XK3101-W1系列仪表是一款采用高速单片机平台,专用于工业过程中的重量变送、定量称重、多物料配料控制应用的高品质仪表。考虑工业称重的应用特点,除提供足够多输入输出和通讯接口外,通过扩展选件接口,可实现与PC、PLC、DCS等设备的实时现场总线通讯。产品广泛应用于冶金,化工,建材,涂料,粮食与饲料等行业。

主要特点

- ※面板嵌入式结构,安装快捷
- ※采用24位高精度SIGMA-DELTA型AD转换芯片,100Hz采样
- ※4路光耦继电器输出,2路开关输入
- ※标配隔离RS232与RS485接口,支持MODBUS RTU通讯,支持微型打印机格式
- ※标配第二路RS485接口,可以与WX-8无线通讯模块实现物联网功能
- ※选配0-10V/4-20mA模拟量输出模块
- ※选配PROFIBUS Dp通讯接口
- ※4英寸TFT显示屏,分辨率800×480,带触摸输入

技术参数

- AD转换方式: $\Sigma-\Delta$ 24bit高精度A/D转换
- 分度值: 1、2、5、10、20、50可选
- 输入灵敏度: 大于1.5uV/d,
- 传感器激励电源: DC 5V;
- 传感器连接数量: 最多6只350Ω的模拟传感器
- 输入信号范围: -20mV~20mV
- 显示方式: 4英寸TFT显示屏,分辨率800×480,带触摸输入
- 通讯串口: 1路RS-232/RS-485+1路RS485
- 开关量输入类型: 2路光电隔离的开关量输入点(有源)
- 开关量输出类型: 4路光电继电器输出点(无源)
- 外形尺寸(h×w×d): 87×172×125mm
- 开孔尺寸(h×w): 76×151mm
- 电源: 直流24V

Introduction

XK3101-W1 series instrument is a high quality instrument that uses high speed single chip platform, which is dedicated to weight transfer, quantitative weighing and multiple material batching control applications in industrial processes. The electrical connection adopts the plug type terminal which suitable in the application that need the high accurate collection of weight. It can achieve real-time communication with PC, PLC, DCS and some other equipment. This indicator widely used in the metallurgy, chemical industry, building industry, coating industry and feed industries.

Main feature

1. Embedded structure, quick installation
2. A 24-bit high precision sigma-delta AD conversion chip with 100Hz sampling rate
3. 4-way optocoupler relay output, 2-way switch input
4. RS232/RS485 interface, Support MODBUS RTU Protocol and mini-printer
5. The second RS485 interface can achieve IoT function with WX-8 wireless communication module
6. Optional 0-10V/4-20mA analog output module
7. Optional PROFIBUS DP communication interface
8. 4-inch TFT display with 800×480 resolution with touch input

Technical parameter

AD Conversion	$\Sigma-\Delta$ 24bit High accurate A/D Conversion
Division	1, 2, 5, 10, 20, 50 optional
Input Sensitivity	> 1.5uV/d
Excitation voltage of Load cell	DC 5V
The number of connection of load cell	maximum 6pcs 350Ω analogue load cell
input signal range	-20mV~20mV
Display	4-inch TFT display with 800×480 resolution with touch input
Communication:	RS-232/RS-485+RS485
Switching value:	2way photoelectric isolation switching value input point (active)
Switching value:	4way photoelectric relay output point (passive)
Dimension (h×w×d)	87×172×125mm
install hole dimension (h×w)	76×151mm
Power	DC 24V



<< KL3101-D2+B(N)

产品简介:

该仪表是面向工业控制领域的数字显示仪表。可连接1-12只柯力E型数字传感器、具有模拟量输出、具有RS232/RS485串行通讯接口、大屏幕通讯接口、采用铝合金外壳,可方便的嵌入控制柜,适用于水泥、化工、冶金等行业的称重系统。

·特点及基本功能:

- 6位0.8英寸红光LED显示;
- 4种继电器控制方式;
- 多种开关量输入方式;
- 支持模拟量输出0-10V/4-20mA;
- 通过隔离+接口静电保护设计,保护传感器免受外接设备的电气影响;
- 支持常规E型通讯协议;
- 拥有自动调角、输重量调角功能,满足不同现场的情况;
- 支持modbus指令协议和5种常用连续PC通讯协议;

·技术参数:

- 与传感器的通讯距离: 最大传输距离≤75米
- 数字传感器供电电源: DC12V/≈750mA
- 传输速率: 柯力E型 19200 bps
- 数字传感器连接数量: 1-12
- 数字传感器通讯协议: 柯力E协议
- 传感器接口: 接线端子, RS485方式
- 串行输出: RS232/RS485
- 波特率2400、4800、9600、19200、57600; 无校验、奇校验、偶校验;
- 大屏幕接口: 20mA电流环恒流源串行输出, 传输距离≤100米, RS232方式。
- 显示: 6位LED数码管, 12个状态指示符。
- 按键: 功能、标定、校验、参数、去皮、置零
- 开关量输出: 4路继电器无源输出, 交流250V/3A, 直流30V/10A
- 开关量输入: 2路开关量无源输入
- 模拟量输出: 0-10V/4-20mA
- 仪表电源: 交流220V 50Hz/60Hz;
- 工作温度: -10℃~40℃
- 外形尺寸(h×w×d): 175mm×90mm×145mm
- 开孔尺寸(h×w): 161mm×76mm
- 重量: 1.6Kg

Introduction

The indicator is a digital display instrument for industrial control. It can be communicated with 1-12pcs Keli's E protocol digital load cells, with analog output, and communication interfaces of RS232/RS485, remote display, aluminum alloy casing, easy to embed control cabinet, also suitable for weighing system of cement, chemical industry, metallurgy, etc.

Main feature

- 6-bit 0.8inch red LED display;
- 4 types relay controlling;
- Multiple switch value input;
- Analog output 0-10V/4-20mA;
- Protect load cells from external device via design of electrostatic protection and interface isolation;
- Support standard E-type protocol;
- Automatic and manual weight input angle deviation adjustment for different site requirement.
- Modbus protocol and 5 common continuous PC communication protocol;

Technical parameter

Communication distance to load cell:	Max 75m
Power supply to digital load cell:	DC12V/≈750mA
Transmission rate:	19200 bps via Keli E-type protocol
Quantity of load cells:	1-12pcs
Digital load cell protocol:	Keli E-type
Load cell interface:	amphenol connector, RS485
Serial output:	RS232/RS485
Baud rate:	2400、4800、9600、19200、57600;
parity:	no parity, odd parity check, even parity check;
Interface to remote display:	20mA constant current loop serial output, transmission ≤100m, RS232 mode
Display:	6-bit LED, 12pcs status indicators.
Keyboard:	Function, Calibration, Check, Parameter, Tare, Zero
Switch value output:	4-way relay passive output, AC 250V/3A, DC 30V/10A
Switch value:	2-way switch value passive output
Analog output:	0-10V/4-20mA
Power supply of indicator:	AC 220V 50Hz/60Hz;
Operation temp:	-10℃~40℃
Outline (h×w×d):	175mm×90mm×145mm
Installation Hole size (h×w):	161mm×76mm
Weight:	1.8Kg



<< XK3118T1-W

产品简介:

XK3118T1-W系列仪表,采用高抗干扰单片机微处理器,配合高精度 $\Delta-\Sigma$ A/D转换技术,同时配有RS232、蓝牙通讯,通过GPRS(或WiFi)可将称重记录、物联网状态信息上传到服务器,可应用在平台秤、地磅及其他静态检测系统。

主要功能:累加、上下限、平均值、RS232、蓝牙通讯、GPRS通讯(或者WiFi通讯)、大屏幕、称重记录上传、物联网状态数据上传。

• 特点及基本功能:

- 高精度AD转换,可读性达1/50000;
- 20倍的内码显示,替代感量砵码观察和分析误差;
- 开机自动置零范围、手动置零范围可独立设置,零位跟踪范围可设置;
- 随机充电,有欠压指示及保护装置;
- 采用电池浮充电路,有效延长蓄电池寿命;
- 具有节能模式和自动关机功能;
- 畜牧秤功能、累计功能、选配计数功能;
- 上下限检重指示功能;
- RS232通讯接口,多种通讯格式;
- 具有电子铅封、开壳检测、核对计量相关参数等物联网计量保护功能;
- 具有远程查看与设置PC通讯参数等物联网应用类功能;
- 具有上传称重记录功能;
- 全面配置电磁兼容防护措施;

• 技术参数:

- 检定分度数: $n=3000$
- A/D转换方式: $\Delta-\Sigma$ 转换方式, 20bit
- 每检定分度值最小输入电压: $\geq 1.5uV/e$
- 误差分配系数: $\pi=1.5$
- 分度值: 1、2、5、10、20、50可选
- 传感器供桥电压: DC 5V,可接1~6个350 Ω 模拟传感器
- 传感器连接方式: 采用6线式(长线自动补偿)
- 显示方式: 6位LCD, 蓝牙指示灯, 交流指示灯;
- 物联网通讯方式: XK3118T1-W(GPRS方式); XK3118T1-W(WIFI)(WIFI方式);
- 使用电源: AC 220V, 50Hz/60Hz; 内置6V/4AH免维护铅酸蓄电池,(随机充电);
- 使用温度为: $0\sim+40^{\circ}C$, 湿度 $\leq 85\%$ (RH)
- 存储温度为: $-20\sim+60^{\circ}C$ 湿度 $\leq 95\%$ (RH)
- 仪表尺寸(长*宽*高): 约236*150*150mm。
- 仪表重量: 约1.5(kg);

Introduction

XK3118T1-W series indicator adopts high-strength anti-interference single-chip microprocessor, with high-precision $\Delta-\Sigma$ A/D conversion technology, and equipped with RS232, Bluetooth communication, weighing record, Internet of Things through GPRS (or WiFi). The status information is uploaded to the server and can be applied to platform scales, floor scales and other static detection systems.

Main functions includes accumulation, upper and lower limits, average, RS232, Bluetooth communication, GPRS communication (or WiFi communication), large screen, weighing record upload, IoT status data upload.

Main features:

- High-precision AD conversion with readability of 1/50000;
- 20 times internal code display, alternative to the sensitivity of the weight observation and analysis error;
- The automatic zero setting range and the manual zero setting range can be set independently, and the zero tracking range can be set;
- Random charging, low voltage indication and protection device;
- The battery float charging circuit is used to effectively extend the battery life;
- Energy saving mode and automatic shutdown function;
- Livestock scale function, cumulative function, optional counting function;
- Upper and lower limit check weight indication function;
- RS232 communication interface, a variety of communication formats;
- IoT measurement, protection functions such as electronic lead seal, open shell detection, check metering related parameters;
- IoT application class functions such as remote viewing and setting PC communication parameters;
- Automatic uploading weighing record;
- Fully equipped with electromagnetic compatibility protection measures;

• Technical Parameters:

- Verification of the number of divisions: $n=3000$
- A/D convert: $\Delta-\Sigma$ converter 20bit
- Input sensitivity: $\geq 1.5uV/e$
- Error distribution coefficient: $\pi=1.5$
- Division value: 1, 2, 5, 10, 20, 50 optional
- Sensor excitation voltage: DC 5V;
- Number of sensor connections: Up to 6pcs 350 Ω analog sensors;
- Sensor connection method: 6-wire type (with long distance compensation)
- Display mode: 6-digit LCD, Bluetooth indicator, AC indicator;
- IoT mode: XK3118T1-W(GPRS mode); XK3118T1-W(WIFI)(WIFI mode);
- Power supply: AC 220V, 50-Hz/60Hz; Built-in 6V/4Ah maintenance-free lead-acid battery, (charging by indicator);
- Operating temperature: $0\sim+40^{\circ}C$, humidity $\leq 85\%$ (RH)
- Storage temperature: $-20\sim+60^{\circ}C$ humidity $\leq 95\%$ (RH)
- Dimension (length * width * height): about 236 * 150 * 150mm.
- Weight: about 1.5 kg



<< XK3118T1+

产品简介:

XK3118T1+电子称重仪表,采用高精度 $\Sigma-\Delta$ AD转换芯片,配置不锈钢支架+塑料底座,新颖的外观结构,交直流两用,适用于1-6个模拟传感器的平台秤、台秤等静态称重系统。

XK3118T1+仪表备有多款外壳,供客户定制个性化品种。XK3118T1+仪表供电方式适配器。

• 特点及基本功能:

- 高精度AD转换,可读性达1/30000;
- 20倍的内码显示,替代感量砵码观察和分析误差;
- 开机自动置零范围、手动置零范围可独立设置,零位跟踪范围可设置;
- 随机充电,有欠压指示及保护装置;
- 采用电池浮充电路,有效延长蓄电池寿命;
- 具有节能模式和自动关机功能;
- 畜牧秤功能、累计功能、选配计数功能;
- 上下限检重指示功能;
- RS232通讯接口,多种通讯格式;
- 全面配置电磁兼容防护措施;

• 技术参数:

- 检定分度数: $n=3000$
- A/D转换方式: $\Delta-\Sigma$ 转换方式, 20bit
- 每检定分度值最小输入电压: $\geq 1.5uV/e$
- 误差分配系数: $\pi=0.5$
- 分度值: 1、2、5、10、20、50可选
- 传感器供桥电压: DC 5V,可接1~6个350 Ω 模拟传感器
- 传感器连接方式: 采用6线式(长线自动补偿)
- 显示方式: 6位LED数码管, 10个状态指示灯;
- 使用电源: 适配器输入(10.5V/1A) 内置6V/4AH免维护铅酸蓄电池,(随机充电);
- 使用温度为: $0\sim+40^{\circ}C$, 湿度 $\leq 85\%$ (RH)
- 存储温度为: $-20\sim+60^{\circ}C$ 湿度 $\leq 95\%$ (RH)
- 仪表尺寸: 240(283含旋钮) \times 167 \times 90mm (长 \times 宽 \times 高);
- 仪表重量: 约1.8(kg);

Introduction

XK3118T1+ electronic weighing indicator adopts high-precision $\Sigma-\Delta$ AD conversion chip, equipped with stainless steel bracket + plastic base, novel appearance structure, AC and DC, suitable for static weighing system such as platform scale.

The XK3118T1+ instrument is available various customize housing dimension with power supply adapter.

Main features:

- High-precision AD conversion with readability of 1/30000;
- 20 times internal code display, alternative to the sensitivity of the weight observation and analysis error;
- The automatic zero setting range and the manual zero setting range zero tracking can be set independently;
- Low voltage indication and protection device;
- The battery float charging circuit is used to effectively extend the battery life;
- Energy saving mode and automatic shutdown function;
- Livestock scale function, cumulative function, optional counting function;
- Upper and lower limit check weight indication function;
- RS232 communication interface, a variety of communication formats;
- Fully equipped with electromagnetic compatibility protection measures;

• Technical Parameters:

- Verification of the number of divisions: $n=3000$
- A/D convert: $\Delta-\Sigma$ converter 20bit
- Input sensitivity: $\geq 1.5uV/e$
- Error distribution coefficient: $\pi=0.5$
- Division value: 1, 2, 5, 10, 20, 50 optional
- Sensor excitation voltage: DC 5V;
- Number of sensor connections: up to 6pcs 350 Ω analog sensors;
- Sensor connection method: 6-wire type (with long distance compensation)
- Display mode: 6-digit LED digital tube, 10 status indicators;
- Power supply: adapter input (10.5V/1A) Built-in 6V/4Ah maintenance-free lead-acid battery, (charging by indicator);
- Operating temperature: $0\sim+40^{\circ}C$, humidity $\leq 85\%$ (RH)
- Storage temperature: $-20\sim+60^{\circ}C$ humidity $\leq 95\%$ (RH)
- Dimension (length * width * height): 240 (283 with knob) \times 167 \times 90 mm;
- Weight: about 1.8 kg;

模拟衡器仪表 Analog indicator for trade use XK3118T1-D+



<< XK3118T1-D+

产品简介:

XK3118T1-D+ 电子称重仪表, 采用高精度 $\Sigma - \Delta$ AD 转换芯片, 配置不锈钢支架+塑料底座, 新颖的外观结构, 交直流两用, 适用于 1-6 个模拟传感器的平台秤、台秤等静态称重系统。

XK3118T1-D+ 仪表备有多款外壳, 供客户定制个性化品种。
XK3118T1-D+ 仪表供电方式变压器。

• 特点及基本功能:

- 高精度 AD 转换, 可读性达 1/30000;
- 20 倍的内码显示, 替代感量砝码观察和分析误差;
- 开机自动置零范围、手动置零范围可独立设置, 零位跟踪范围可设置;
- 随机充电, 有欠压指示及保护装置;
- 采用电池浮充电路, 有效延长蓄电池寿命;
- 具有节能模式和自动关机功能;
- 畜牧秤功能、累计功能、标配计数功能;
- 上下限检重指示功能;
- RS232 通讯接口, 多种通讯格式;
- 全面配置电磁兼容防护措施;

• 技术参数:

- 检定分度数: $n=3000$
- A/D 转换方式: $\Delta - \Sigma$ 转换方式, 20bit
- 每检定分度值最小输入电压: $\geq 1.5\mu V/e$
- 误差分配系数: $pi=0.5$
- 分度值: 1、2、5、10、20、50 可选
- 传感器供电电压: DC 5V, 可接 1~6 个 350 Ω 模拟传感器
- 传感器连接方式: 采用 6 线制 (长线自动补偿)
- 显示方式: 6 位 LED 数码管, 10 个状态指示符;
- 使用电源: 内置变压器: AC 220V, 50Hz (可定制 110V)
内置 6V/4AH 免维护铅酸蓄电池, (随机充电)
- 使用温度为: 0~+40°C, 湿度 $\leq 85\%$ (RH)
- 存储温度为: -20~+60°C 湿度 $\leq 95\%$ (RH)
- 仪表尺寸: 240(283 含旋钮) \times 167 \times 90 mm (长 \times 宽 \times 高);
- 仪表重量: 约 1.8 (kg);

Introduction

XK3118T1-D+ electronic weighing indicator adopts high-precision $\Sigma - \Delta$ AD conversion chip, equipped with stainless steel bracket + plastic base with novel appearance, AC and DC power suitable for static weighing system like platform scales.

The XK3118T1-D+ instrument is available various customize housing dimension with power supply adaptor.

Main features

- High-precision AD conversion with readability of 1/30000;
- 20 times internal code display, alternative to the sensitivity of the weight observation and analysis error;
- The automatic zero setting range and the manual zero setting range zero tracking can be set independently;
- Low voltage indication and protection device;
- The battery float charging circuit is used to effectively extend the battery life;
- Energy saving mode and automatic shutdown function;
- Livestock scale function, cumulative function, standard counting function;
- Upper and lower limit check weight indication function;
- RS232 communication interface, a variety of communication formats;
- Fully equipped with electromagnetic compatibility protection measures;

• Technical Parameters:

- Verification of the number of divisions: $n = 3000$
- A/D convert: $\Delta - \Sigma$ converter 20bit
- Input sensitivity: $\geq 1.5\mu V/e$
- Error distribution coefficient: $pi=0.5$
- Division value: 1, 2, 5, 10, 20, 50 optional
- Sensor excitation voltage DC 5V;
- Number of sensor connections: Up to 6pcs 350 Ω analog sensors.
- Sensor connection method: 6-wire type (with long distance compensation)
- Display mode: 6-digit LED digital tube, 10 status indicators;
- Power supply: Built-in transformer: AC 220V, 50Hz (110V for option)
Built-in 6V/4Ah maintenance-free lead-acid battery, (charging by indicator);
- Operating temperature: 0~+40°C, humidity $\leq 85\%$ (RH)
- Storage temperature: -20~+60°C humidity $\leq 95\%$ (RH)
- Dimension (length \times width \times height): 240 (283 with knob) \times 167 \times 90 mm;
- Weight: about 1.8 kg;

模拟衡器仪表 Analog indicator for trade use XK3118T4F1-1



<< XK3118T4F1-1

产品简介:

XK3118T4F 电子称重仪表, 全不锈钢外壳, 不锈钢支架, 采用高强度抗干扰单片微处理器, 配合高精度 $\Delta - \Sigma$ 转换技术, 交直流两用, 适用于 1-6 个 350 Ω 模拟传感器的静态称重系统。

• 特点及基本功能:

- 通过 CE 认证;
- 可选配高防护等级接口配件, 防护等级达 IP65;
- 高精度 AD 转换, 可读性达 1/50000;
- 20 倍的内码显示, 替代感量砝码观察和分析误差;
- 开机自动置零范围、手动置零范围可独立设置, 零位跟踪范围可设置;
- 具有节能模式和自动关机功能;
- 畜牧秤功能、累计功能; 称重计数功能;
- 选配 RS232 通讯接口, 多种通讯格式; 多种信息提示;
- 全面配置电磁兼容防护措施;

• 技术参数:

- 检定分度数: $n=3000$
- A/D 转换方式: $\Delta - \Sigma$ 转换方式, 20bit
- 每检定分度值最小输入电压: $\geq 1.5\mu V/e$
- 误差分配系数: $pi=0.5$
- 分度值: 1、2、5、10、20、50 可选
- 供电电压: DC 5V, 可接 6 个 350 Ω 模拟传感器
- 传感器连接方式: 标准产品采用 4 线制 (可定制 6 线制长线自动补偿, 补偿距离 ≤ 30 米)
- 显示方式: 6 位 0.8 英寸高对比度 LCD 数码管, 多图形/字符提示符
- 使用铅酸蓄电池: AC 110~220V, 50Hz~60Hz (随机充电)
- 使用温度为: 0~+40°C, 湿度 $\leq 85\%$ (RH)
- 存储温度为: -20~+60°C 湿度 $\leq 95\%$ (RH)
- 仪表尺寸: 259 \times 75 \times 185mm (长 \times 宽 \times 高);
- 仪表重量: 约 2.1 (kg);

Introduction

XK3118T4F electronic weighing indicator, all stainless steel casing, stainless steel bracket, high-strength anti-interference single-chip microprocessor, with high-precision $\Delta - \Sigma$ conversion technology, AC and DC, suitable for static weighing system such as platform scale with 6pcs 350 Ω analog sensors.

Main features

- CE certification approval;
- Optional high-protection interface fittings with IP65 protection;
- High-precision AD conversion with readability of 1/50000;
- 20 times internal code display, alternative to the sensitivity of the weight observation and analysis error;
- The automatic zero setting range and the manual zero setting range zero tracking can be set independently;
- Energy saving mode and automatic shutdown function;
- Livestock scale function, cumulative function; weighing and counting function;
- Optional RS232 communication interface, a variety of communication formats, a variety of information prompts;
- Fully equipped with electromagnetic compatibility protection measures;

• Technical Parameters:

- Verification of the number of divisions: $n = 3000$
- A/D convert: $\Delta - \Sigma$ converter 20bit
- Input sensitivity: $\geq 1.5\mu V/e$
- Error distribution coefficient: $pi=0.5$
- Division value: 1, 2, 5, 10, 20, 50 optional
- Sensor excitation voltage DC 5V;
- Number of sensor connections: Up to 6pcs 350 Ω analog sensors.
- Sensor connection method: 6-wire type (with long distance compensation, compensation distance ≤ 30 meters)
- Display mode: 6-digit 0.8-inch high-contrast LCD digital tube, multiple graphic/character prompt
- Power supply: AC 110~220V, 50Hz~60Hz lead-acid battery, (charging by indicator);
- Operating temperature: 0~+40°C, humidity $\leq 85\%$ (RH)
- Storage temperature: -20~+60°C humidity $\leq 95\%$ (RH)
- Dimension (length \times width \times height): 259 \times 75 \times 185mm;
- Weight: about 2.1 kg;



<< XK3118T1型 (T20+)
XK3118T1型 (T20-A+)

产品简介:

XK3118T1型 (T20+) 系列电子称重仪表, 采用高精度 $\Sigma - \Delta$ AD转换芯片, 配置全塑料外壳, 新颖的外观结构, 配置多种电源版本, 交直流两用, 适用于1-4个模拟传感器的平台秤、台秤等静态称重系统。

XK3118T1型 (T20+) 系列仪表备有多种外壳, 供客户定制个性化品种。

XK3118T1型 (T20-A+) 系列仪表供电方式有变压器、内置开关电源、外置适配器可选。

· 特点及基本功能:

- 高精度AD转换, 可读性达1/30000;
- 20倍的内码显示, 替代感量砝码观察和分析误差;
- 开机自动置零范围、手动置零范围可独立设置, 零位跟踪范围可设置;
- 随机充电, 有欠压指示及保护装置;
- 采用电池浮充电路, 有效延长蓄电池寿命;
- 具有节能模式和自动关机功能;
- 畜牧秤功能、累计功能、计数功能;
- RS232通讯接口, 多种通讯格式 (选配);
- 全面配置电磁兼容防护措施;

· 技术参数:

- 检定分度数: $n=3000$
- A/D转换方式: $\Delta - \Sigma$ 转换方式, 20bit
- 每检定分度值最小输入电压: $\geq 1.5uV/e$
- 误差分配系数: $pi=0.5$
- 分度值: 1、2、5、10、20、50可选
- 传感器供桥电压: DC 5V, 可接1-4个350 Ω 模拟传感器
- 传感器连接方式: 采用6线式 (长线自动补偿)
- 显示方式: 6位LED数码管, 10个状态指示符;
- 使用电源: T20-A+(内置变压器): AC 220V, 50Hz (可定制110V)
T20+(外接适配器): AC 110 ~ 220V, 50Hz ~ 60Hz), 输出DC9V
内置6V/4AH免维护铅酸蓄电池, (随机充电);
- 使用温度为: 0~+40°C, 湿度 $\leq 85\%$ (RH)
- 存储温度为: -20~+60°C 湿度 $\leq 95\%$ (RH)
- 仪表尺寸: 230 x 160 x 170 mm (长 x 宽 x 高);
- 仪表重量: 约1.5 (kg);

Introduction

XK3118T1 (T20+) series electronic weighing indicator adopts high-precision $\Sigma - \Delta$ AD conversion chip, equipped with all-plastic housing, novel appearance structure, multiple power supply versions, AC/DC both is available, suitable for 1-4pcs analog sensors for static weighing systems such as platform scales.

XK3118T1 (T20+) is available various customize housing dimension.

XK3118T1 (T20-A+) has many type of power supply, built-in switching power supply and external adapter, power supply transformer.

Main features

- High-precision AD conversion with readability of 1/30000;
- 20 times internal code display, alternative to the sensitivity of the weight observation and analysis error;
- The automatic zero setting range and the manual zero setting range, zero tracking can be set independently;
- Low voltage indication and protection device;
- The battery float charging circuit is used to effectively extend the battery life;
- Energy saving mode and automatic shutdown function;
- Livestock scale function, cumulative function, counting function;
- RS232 communication interface, a variety of communication formats (optional);
- Fully equipped with electromagnetic compatibility protection measures;

· Technical Parameters:

- Verification of the number of divisions: $n = 3000$
- A/D convert: $\Delta - \Sigma$ converter 20bit
- Input sensitivity: $\geq 1.5uV/e$
- Error distribution coefficient: $pi=0.5$
- Division value: 1, 2, 5, 10, 20, 50 optional
- Sensor excitation voltage DC 5V;
- Number of sensor connections: up to 4pcs 350 Ω analog sensors
- Sensor connection method: 6-wire type (with long distance compensation)
- Display mode: 6-digit LED digital tube, 10 status indicators;
- Power supply: T20-A+ (built-in transformer): AC 220V, 50Hz (110V for option)
T20+ (external adapter): AC 110 ~ 220V, 50Hz ~ 60Hz), output DC9V
Built-in 6V/4AH maintenance-free lead-acid battery, (charging by indicator);
- Operating temperature: 0~+40°C, humidity $\leq 85\%$ (RH)
- Storage temperature: -20~+60°C humidity $\leq 95\%$ (RH)
- Dimension (length x width x height): 230 x 160 x 170 mm
- Weight: about 1.5 kg;



<< XK3118T16+

产品简介:

XK3118T16+电子称重仪表, 采用高精度 $\Sigma - \Delta$ AD转换芯片, 字高30mm的高亮度LED数码管显示, 新颖的外观结构, 配置宽电压开关电源, 交直流两用, 适用于1-6个模拟传感器的静态称重系统。

XK3118T16+电子称重仪表配置累加、上下限报警、峰值保持、平均值功能。

· 特点及基本功能:

- 高精度AD转换, 可读性达1/30000;
- 20倍的内码显示, 替代感量砝码观察和分析误差;
- 开机自动置零范围、手动置零范围可独立设置, 零位跟踪范围可设置;
- 随机充电, 有欠压指示及保护装置;
- 采用恒流浮充电路, 有效延长蓄电池寿命;
- 具有节能模式和自动关机功能;
- 畜牧秤功能、累计功能、上下限检重功能, 计数功能, 峰值保持, kg/lb转换功能;
- 配置RS232通讯接口, 多种通讯格式;
- 配置大屏幕接口;

· 技术参数:

- 检定分度数: $n=3000$
- A/D转换方式: $\Delta - \Sigma$ 转换方式, 20bit
- 每检定分度值最小输入电压: $\geq 1.5uV/e$
- 误差分配系数: $pi=0.5$
- 分度值: 1、2、5、10、20、50可选
- 传感器供桥电压: DC 5V, 可接1-6个350 Ω 模拟传感器
- 传感器连接方式: 采用4线式
- 显示方式: 6位1.2英寸高亮度LED数码管, 12个状态指示灯, 3个电量指示灯, 1个交流指示灯
- 供电电源: AC 110 ~ 220V, 50Hz ~ 60Hz
- 应急辅助电源: 内置6V/4AH免维护铅酸蓄电池, (随机充电);
- 使用温度为: 0~+40°C, 湿度 $\leq 85\%$ (RH)
- 存储温度为: -20~+60°C 湿度 $\leq 95\%$ (RH)
- 仪表尺寸: 236 x 150 x 150mm (长 x 宽 x 高);
- 仪表重量: 约1.5 (kg);

Introduction

XK3118T16+ electronic weighing indicator adopts high-precision $\Sigma - \Delta$ AD conversion chip, high-brightness LED digital tube with 30mm high display, novel appearance structure, wide voltage switching power supply, AC/DC dual-use, suitable for 1-6pcs analog sensors for static weighing system.

XK3118T16+ electronic weighing indicator configuration accumulates, upper and lower limit, alarm, peak hold, average function.

Main features

- High-precision AD conversion with readability of 1/30000;
- 20 times internal code display alternative to the sensitivity of the weight observation and analysis error;
- The automatic zero setting range and the manual zero setting range, zero tracking can be set independently;
- Low voltage indication and protection device;
- Adopt constant current floating charging circuit to effectively extend battery life;
- Energy saving mode and automatic shutdown function;
- Livestock scale function, cumulative function, upper and lower limit, check function, counting function, peak hold, kg/lb conversion function;
- RS232 communication interface, a variety of communication formats;
- Configure a remote display interface;

· Technical Parameters:

- Verification of the number of divisions: $n = 3000$
- A/D convert: $\Delta - \Sigma$ converter 20bit
- Input sensitivity: $\geq 1.5uV/e$
- Error distribution coefficient: $pi=0.5$
- Division value: 1, 2, 5, 10, 20, 50 optional
- Sensor excitation voltage DC 5V;
- Number of sensor connections: up to 6pcs 350 Ω analog sensors;
- Sensor connection method: 4-wire type
- Display mode: 6-digit 1.2-inch high-brightness LED digital tube, 12 status indicators, 3 battery indicator lights, 1 AC indicator
- Power supply: AC 110 ~ 220V, 50Hz ~ 60Hz
- Emergency auxiliary power supply: built-in 6V/4AH maintenance-free lead-acid battery, (charging by indicator);
- Operating temperature: 0~+40°C, humidity $\leq 85\%$ (RH)
- Storage temperature: -20~+60°C humidity $\leq 95\%$ (RH)
- Dimension (length x width x height): 236 x 150 x 150mm
- Weight: about 1.5 kg;

模拟衡器仪表 Analog indicator for trade use XK3118T12



<< XK3118T12-C

产品简介:

XK3118T12是计价、计重功能的台秤仪表，三窗口显示，采用高精度 $\Delta-\Sigma$ 转换技术，交直流二用，可应用于平台秤、小地磅及其它静态检测系统。

XK3118T12: LED数码管显示;
XK3118T12-C: LCD显示;

• 特点及基本功能:

- 高精度AD转换，可读性达1/30000;
- 20倍的内码显示，替代感量砝码观察和分析误差;
- 开机自动置零范围、手动置零范围可独立设置，零位跟踪范围可设置;
- 随机充电，有欠压指示及保护装置;
- 采用电池浮充电路，有效延长蓄电池寿命;
- 具有节能模式和自动关机功能;
- 三窗口显示，具有计价、计数功能;
- RS232通讯接口，多种通讯格式;
- 全面配置电磁兼容防护措施;

• 技术参数:

检定分度数: $n=3000$
A/D转换方式: $\Delta-\Sigma$ 转换方式, 20bit
每检定分度值最小输入电压: $\geq 1.5uV/e$
误差分配系数: $\pi=0.5$
分度值: 1、2、5、10、20、50可选
传感器供桥电压: DC 5V,可接1~4个350 Ω 模拟传感器
显示方式(T12): 三窗口6位LED数码管, 5个状态指示灯;
显示方式(T12-C): 三窗口6位LCD, 5个状态指示灯;

使用电源: 适配器输入(7.5V/1A)
内置6V/2.5AH免维护铅酸蓄电池,
(随机充电);
使用温度为: 0~+40°C, 湿度 $\leq 85\%$ (RH)
存储温度为: -20~+60°C, 湿度 $\leq 95\%$ (RH)
仪表尺寸: 250 x 149 x 146 mm(长 x 宽 x 高);
仪表重量: 约1.4(kg);

Introduction

XK3118T12 is a platform scale indicator with pricing and weighing function. It has three displays and adopts high-precision $\Delta-\Sigma$ conversion technology. It is used for both AC and DC, and can be applied to platform scales, small floor scales and other static weighing systems.

XK3118T12: LED digital tube display;
XK3118T12-C: LCD display;

Main features

- High-precision AD conversion with readability of 1/30000;
- 20 times internal code display, alternative to the sensitivity of the weight observation and analysis error;
- The automatic zero setting range and the manual zero setting range, zero tracking can be set independently;
- Low voltage indication and protection device;
- The battery float charging circuit is used to effectively extend the battery life;
- Energy saving mode and automatic shutdown function;
- Three window display, with pricing, counting function;
- RS232 communication interface, a variety of communication formats;
- Fully equipped with electromagnetic compatibility protection measures;

• Technical Parameters:

Verification of the number of divisions: $n = 3000$
A/D convert: $\Delta-\Sigma$ converter 20bit
Input sensitivity: $\geq 1.5uV/e$
Error distribution coefficient: $\pi=0.5$
Division value: 1, 2, 5, 10, 20, 50 optional
Sensor excitation voltage: DC 5V;
Number of sensor connections: up to 4pcs 350 Ω analog sensors.
Display mode (T12): three digit LED display,
5 status indicators;
Display mode (T12-C): three 6-digit LCD display,
5 status indicators;
Power supply: adapter input (7.5V/1A)
Built-in 6V/2.5AH maintenance-free lead-acid battery, (charging by indicator);
Operating temperature: 0~+40°C, humidity $\leq 85\%$ (RH)
Storage temperature: -20~+60°C, humidity $\leq 95\%$ (RH)
Dimension (length x width x height): 250 x 149 x 146 mm;
Weight: about 1.4 kg;

模拟衡器仪表 Analog indicator for trade use XK3118K9-R



<< XK3118K9-R

产品简介:

XK3118K9-R主要针对的是国内现有的应用环境中，仪表无接地条件或接地不良导致干扰仪表读数的情况而开发的低成本模拟汽车衡仪表。此仪表建议使用电源波动比较小的场合(电源波动符合国家标准220V+10%~15%频率: 50Hz \pm 2%)。

• 特点及基本功能:

- 高精度AD转换，可读性达1/30000;
- 20倍的内码显示，替代感量砝码观察和分析误差;
- 开机自动置零范围、手动置零范围可独立设置，零位跟踪范围可设置;
- 随机充电，有欠压指示及保护装置;
- 配置RS232通讯接口，多种通讯格式;
- 配置打印接口，可外接多种打印机;
- 配置大屏幕接口;

• 技术参数

检定分度数: $n=3000$
误差分配系数: $\pi=0.5$
分度值: 1、2、5、10、20、50可选
每检定分度值最小输入电压: $\geq 1.5uV/e$
A/D转换方式: $\Delta-\Sigma$ 方式, 24bit
传感器供桥电压: DC 5V;可接1~12个350 Ω 电阻应变式传感器
传感器连接方式: 采用6线式(长线自动补偿, 补偿距离 ≤ 50 米)
显示: 7位0.8英寸白光LED数码管
大屏幕接口: 电流环/RS232输出方式, 波特率: 600bps
传输距离: ≤ 30 米
串行通讯接口: 传输方式: RS232(非隔离)
波特率: 600/1200/2400/4800/9600可选
打印接口: 标准并行输出接口, 可接POS58,
KX-P1121, KX-P1131, LQ300K+II,
LQ1600K, LQ-680K, DS-300和
LQ-730K/630K/635K等宽行打印机
使用电源: 交流电源: 交流220V+10%~15%
频率: 50Hz \pm 2%
免维护铅酸蓄电池: 6V10AH, 可随机充电
使用温度: -10°C~40°C
使用湿度: $\leq 85\%$ (RH) 无冷凝
仪表尺寸: 330*185*206 mm(宽*高*深)

Introduction

XK3118K9-R is for domestic existing application environments, indicator is not ground or ground situation is not well, the computer RS232 interference indicator make the data is not stable or printer leakage interference indicator readings, etc. So we design this isolated indicator, its housing follow the original K9 double coating process, seven bit of white LED display.

This indicator is recommended to use a relatively small power fluctuations occasions (power fluctuations in line with the national standard 220V+10%~15% frequency: 50Hz \pm 2%).

Main Technical Parameter

The XK3118K9-R is mainly aimed at low-cost analog truck scale indicators developed in the existing domestic application environment, where the instrument has no grounding conditions or poor grounding and interferes with meter readings. This instrument is recommended to use a place where power fluctuations are relatively small (power supply fluctuations comply with national standards 220V+10%~15% frequency: 50Hz \pm 2%).

• Features and basic functions:

- High-precision AD conversion with readability of 1/30000;
- 20 times internal code display, alternative to the sensitivity of the weight observation and analysis error;
- The automatic zero setting range and the manual zero setting range can be set independently, and the zero tracking range can be set;
- Random charging, undervoltage indication and protection device;
- Configure RS232 communication interface, a variety of communication formats;
- Configure the print interface to connect to a variety of printers;
- Configure a large screen interface;

Technical parameters

Verification of the number of divisions: $n = 3000$
Error distribution system: $\pi=0.5$
Graduation value: 1, 2, 5, 10, 20, 50 optional
Minimum input voltage per calibration scale value: $\geq 1.5uV/e$
A/D conversion method: $\Delta-\Sigma$ mode, 24bit
Sensor bridge voltage: DC 5V; can connect 1~12 350 Ω resistance strain gauge sensors
Sensor connection method: 6-wire type (long-line automatic compensation, compensation distance ≤ 50 meters)
Display: 7-digit 0.8-inch white LED digital tube
Large screen interface: Current loop / RS232 output mode, baud rate: 600bps
Transmission distance: ≤ 30 meters
Serial communication interface: Transmission method: RS232 (non-isolated)
Baud rate: 600/1200/2400/4800/9600 optional
Print interface: Standard parallel output interface, can be connected to POS58, KX-P1111, KX-P1131, LQ300K+II, Wide line printers such as LQ1600K, LQ-680K, DS-300 and LQ-730K/630K/635K
Use power: AC power: AC 220V+10%~15% frequency: 50Hz \pm 2%
Emergency power supply: Maintenance-free lead-acid battery, 6V10AH, can be charged randomly
Operating environment: Operating temperature: -10°C~40°C
Use humidity: $\leq 85\%$ (RH) without condensation
Dimension: 330*185*206 mm(W*H*D)

模拟衡器仪表 Analog indicator for trade use XK3118K9-H



<< XK3118K9-H

产品简介:

XK3118K9-H主要针对的是国内现有的应用环境中,仪表无接地条件或接地不良、电脑RS232干扰仪表数字跳动、打印机漏电压干扰仪表读数等情况而开发的电源通讯隔离仪表。外型沿用原K10仪表的双覆膜工艺外壳,7位白光LED显示。功能及操作界面同K19,让客户转用时无需重新熟悉使用。此仪表建议使用电源波动比较小的场合(电源波动符合国家标准220V+10% -15%频率:50Hz±2%)。

·特点及基本功能:

- 高精度AD转换,可读性达1/30000;
- 20倍的内码显示,替代感量砝码观察和分析误差;
- 开机自动置零范围、手动置零范围可独立设置,零位跟踪范围可设置;
- 随机充电,有欠压指示及保护装置;
- 配置隔离RS232通讯接口,多种通讯格式;
- 配置隔离打印接口,可外接多种打印机;
- 配置大屏幕接口;

·技术参数

- 检定分度数: n=3000
- 误差分配系: pi=0.5
- 分度值: 1、2、5、10、20、50可选
- 每检定分度值最小输入电压: ≥1.5uV/e
- A/D转换方式: Δ-Σ方式, 24bit
- 传感器供桥电压: DC 5V; 可接1-12个350Ω电阻应变式传感器
- 传感器连接方式: 采用6线式(长线自动补偿,补偿距离≤50米)
- 显示: 7位0.8英寸白光LED数码管
- 大屏幕接口: 电流环/RS232输出方式,波特率: 600bps 传输距离: ≤30米
- 串行通讯接口: 传输方式: RS232或RS485 波特率: 600/1200/2400/4800/9600可选
- 打印接口: 标准并行输出接口,可接POS58、KX-P1121、KX-P1131、LQ300K+II、LQ1600K、LQ-680K、DS-300和LQ-730K/630K/635K等宽行打印机
- 使用电源: 交流电源: 交流220V+10% -15%频率: 50Hz±2% 免维护铅酸蓄电池: 6V10AH,可随机充电
- 使用环境: 使用温度: -10°C~40°C 使用湿度: ≤85%(RH)无冷凝
- 仪表尺寸: 330*185*206mm(宽*高*深)

Introduction

XK3118K9-H is mainly used for the power communication isolation instrument developed in the existing domestic application environment, the instrument has no grounding condition or poor grounding, computer RS232 interference meter digital jitter, printer leakage interference meter reading and so on. The exterior shape is double-coated with the original K19 instrument, and the 7-bit white LED is displayed. The function and operation interface are the same as K19, so you don't need to be familiar with the use when you switch to the customer. This instrument is recommended to use a place where the power fluctuation is relatively small.

Features and basic functions:

- High-precision AD conversion with readability of 1/30000;
- 20 times internal code display, alternative to the sensitivity of the weight observation and analysis error
- The automatic zero setting range and the manual zero setting range can be set independently, and the zero tracking range can be set;
- Random charging, undervoltage indication and protection device;
- Configure isolated RS232 communication interface, multiple communication formats;
- Configure an isolated print interface for external printers;
- Configure a large screen interface;

Technical Parameters

- Execute Standard: n=3000
- Accuracy Class: pi=0.5
- Division: 1、2、5、10、20、50 [Optional]
- Input Sensitivity: ≥1.5uV/e
- A/D Conversion Mode: adopt Δ-Σ technology, 24bit
- Load Cell Bridge Voltage: DC +5V, 1 to 12pcs 350Ω resistance strain gauge load cell can be connected.
- Load Cell Connection Mode: 6 wires (long distance compensation, compensation distance ≤50 meters)
- Display: 7-bit 0.8 inch white LED digital tube
- Scoreboard Interface: current loop/RS232 output, baud rate: 600bps, transmission distance ≤30meters
- Serial communication port: Transmission Type: RS232, Optional RS485
- Transmission Distance: RS232≤30meters
- Baud Rate: 600/1200/2400/4800/9600 Optional
- Print port: standard parallel output port, can connect with POS58, KX-P1121, KX-P1131, LQ300K+II, LQ1600K, LQ-680K, DS-300 and LQ-730K/630K/635K etc.
- Power Supply: AC: AC220V +10% -15%; 50Hz±2%
- Auxiliary Power supply: DC 6V/10Ah maintenance-free lead-acid battery, Random charging.
- Operation Environment Working Temperature: 0°C ~ 40°C
- Working Humidity: ≤85% (RH) No condensation
- Dimension: 330*185*206mm(W*H*D)

模拟衡器仪表 Analog indicator for trade use XK3118K5



<< XK3118K5

产品简介:

XK3118K5,不锈钢外壳,7位LED数码管段显示,通过OIML-R76认证。

接口采用航空插头,适应外贸客户的接口需求,可外接8个350Ω电阻应变式传感器。

·技术参数

- 准确度等级: III级, n=3000;
- AD转换方式: Σ-Δ转换方式, 24bit;
- 每检定分度值最小输入电压: ≥1.5uV/e
- 误差分配系数: pi=0.5
- 分度值: 1、2、5、10、20、50、100可选
- 传感器供桥电源: DC5V,可接1~8个350Ω电阻应变式传感器;
- 传感器连接方式: 采用6线式(长线自动补偿,补偿距离≤50米);
- 显示方式: 7位LED数码管,7个状态指示位;
- 大屏幕接口: 电流环串行输出方式,600bps,传输距离≤30米;(选配)
- 串行通讯接口: RS232;波特率600~9600;(选配)
- 打印机接口: 配置标准并行打印接口,推荐ESPON LQ-300K/300K+II、ESPON Lq680/730/1600K,松下KX-P1121/1131,(选配)
- 称重数据存储: 最多可贮存称重记录1024条;(选配)
- 仪表电源: 110~220V AC, 50Hz;
- 使用环境: 使用温度: -10°C~40°C 使用湿度: ≤85%(RH)无冷凝
- 外形尺寸: 300*142*206(mm)

Introduction

XK3118K5, stainless steel casing, 7-digit LED digital segment display, certified by OIML-R76.

The interface adopts aviation plugs to meet the interface international market requirements, up to connected with 8 350Ω resistance strain sensors.

Technical Parameters

- Accuracy level: Class III, n=3000;
- Error distribution system: pi=0.5
- Division value: 1, 2, 5, 10, 20, 50 optional
- AD convert: Σ-Δ convert, 24bit;
- Input sensitivity: ≥1.5uV/e
- Sensor excitation voltage: DC 5V
- Number of sensor connections: up to 12pcs 350Ω analog sensors.
- Sensor connection method: 6-wire type (long-line automatic compensation, compensation distance ≤50 meters)
- Display mode: 7-digit LED digital tube, 7 status indicators;
- Remote display interface: Current loop serial output, 600bps, transmission distance ≤30m; (optional)
- Serial communication interface: RS232; baud rate 600~9600; (optional)
- Printer interface: standard parallel printing interface for ESPON LQ-300K/300K+II, ESPON Lq680/730/1600K, Panasonic KX-P1121/1131, (optional)
- Data storage: 1024 set of weighing records (optional)
- Power supply: 110~220V AC, 50Hz;
- Operating environment: Operating temperature: -10°C ~ 40°C Use humidity: ≤85% (RH) without condensation
- Dimensions: 300*142*206(mm)

模拟衡器仪表 Analog indicator for trade use XK3118K5-H



<< XK3118K5-H

产品简介:

XK3118K5-H主要针对的是现有的应用环境中,仪表无接地条件或接地不良、电脑HS232干扰仪表数字跳动、打印机漏电干扰仪表读数等情况而开发的电源、通讯全隔离仪表。外型采用不锈钢外壳,7位白光LED显示,功能及操作界面同K19。此仪表建议使用电源波动比较小的场合(电源波动符合国家标准220V+10% -15%频率:50Hz±2%)。

· 特点及基本功能:

- 高精度AD转换,可读性达1/30000;
- 20倍的内码显示,替代感量砝码观察和分析误差;
- 开机自动置零范围、手动置零范围可独立设置,零位跟踪范围可设置;
- 随机充电,有欠压指示及保护装置;
- 配置隔离RS232/485通讯接口,多种通讯格式;
- 配置隔离打印接口,可外接多种打印机;
- 配置大屏幕接口;

· 技术参数:

- 检定分度数: n=3000
- 误差分配系: $\pi=0.5$
- 分度值: 1、2、5、10、20、50可选
- 每检定分度值最小输入电压: $\geq 1.5uV/e$
- A/D转换方式: $\Delta - \Sigma$ 方式, 24bit
- 传感器供桥电压: DC 5V; 可接1~12个350Ω电阻应变式传感器
- 传感器连接方式: 采用6线式(长线自动补偿,补偿距离 ≤ 50 米)
- 显示: 7位0.8英寸白光LED数码管
- 大屏幕接口: 电流环/RS232输出方式,波特率: 600bps
传输距离: ≤ 30 米
- 串行通讯接口: 传输方式: RS232 或 RS485
波特率: 600/1200/2400/4800/9600可选
- 打印接口: 标准并行输出接口,可接PC58、KX-P1121、KX-P1131、LQ300K+II、LQ1600K、LQ-680K、DS-300和LQ-730K/630K/635K等宽行打印机
- 使用电源: 交流电源: 交流220V+10% -15%频率: 50Hz±2%
- 应急电源: 免维护铅酸蓄电池: 6V10AH,可随机充电
- 使用环境: 使用温度: $-10^{\circ}C \sim 40^{\circ}C$
使用湿度: $\leq 85\%$ (RH) 无冷凝
- 仪表尺寸: 339*236*108 mm(宽*高*深)

Introduction

XK3118K5-H is mainly used for the power communication isolation instrument for domestic requirement where the instrument has no grounding conditions or poor grounding and interence, computer RS232 interference display digital beating, printer leakage interference weighing results. The housing use original K19 case, with 7-bit white LED display. The function and operation interface are the same as K19 easy for original customer's operating. This instrument is recommended to use a place where the power fluctuation is relatively small.

Main features

- High-precision AD conversion with readability of 1/30000;
- 20 times internal code display, alternative to the sensitivity of the weight observation and analysis error;
- The automatic zero setting range and the manual zero setting range, zero tracking can be set independently;
- Low voltage indication and protection device;
- Configure isolated RS232 communication interface, multiple communication formats;
- Configure an isolated print interface for external printers;
- Configure a scoreboard interface;

Technical Parameters

- Verification of the number of divisions: n = 3000
- Error distribution system: $\pi=0.5$
- Division value: 1, 2, 5, 10, 20, 50 optional
- Input sensitivity: $\geq 1.5uV/e$
- A/D convert: $\Delta - \Sigma$, 24bit
- Sensor excitation voltage: DC 5V
- Number of sensor connections: up to 12pcs 350Ω analog sensors.
- Sensor connection method: 6-wire type (long-line automatic compensation, compensation distance ≤ 50 meters)
- Display: 7-bit 0.8 inch white LED digital tube
- Scoreboard interface: current loop/RS232 output, baud rate: 600bps, transmission distance: ≤ 30 meters
- Serial communication port: RS232, Optional RS485
- Transmission type: RS232 ≤ 30 meters (RS485 ≤ 1200 meters)
- Transmission distance: 600/1200/2400/4800/9600 Optional
- Basic rate: standard parallel output for PC58, KX-P1121, KX-P1131, LQ300K+II, LQ1600K, LQ-680K, DS-300 and LQ-730K/630K/635K etc.
- Printer port: AC 220 + 10% - 15%, 50Hz
- Power Supply: external 6V/10Ah maintenance-free lead-acid battery (charging by indicator)
- Auxiliary power supply: external 6V/10Ah maintenance-free lead-acid battery (charging by indicator)
- Operation Environment: Working Temperature: $0^{\circ}C \sim 40^{\circ}C$; Humidity: $\leq 85\%$ (RH) no condensation
- Dimension: 339*236*108 mm(W*H*D)

模拟衡器仪表 Analog indicator for trade use XK3118K5+A



<< XK3118K5+A

产品简介:

XK3118K5+A是专门为国外客户需求设计的高亮度OLED点阵显示屏仪表,可直接显示英文菜单与信息提示界面清晰,人机对话直观明了。不锈钢外壳,256*64单色点阵(OLED)显示模块,可输入、显示及打印英文的车号及货号,可外接PS2键盘快捷操作与输入,采用变压器供电,方便实现电气隔离,加上磁隔离元器件,确保仪表不受交流干扰及通讯串扰。传感器接口采用航空插头,适应国外客户的接口需求,最多可外接12个350Ω电阻应变式传感器。

· 特点及基本功能:

- 高精度AD转换,可读性达1/30000;
- 20倍的内码显示,替代感量砝码观察和分析误差;
- 开机自动置零范围、手动置零范围可独立设置,零位跟踪范围可设置;
- 配置隔离RS232/RS485通讯接口,多种通讯格式;
- 配置隔离打印接口,可外接多种打印机;
- 配置大屏幕接口;
- 有外接PS2键盘;

· 技术参数:

- 检定分度数: n=3000
- 误差分配系: $\pi=0.5$
- 分度值: 1、2、5、10、20、50可选
- 每检定分度值最小输入电压: $\geq 1.5uV/e$
- A/D转换方式: $\Delta - \Sigma$ 方式, 24bit
- 传感器供桥电压: DC 5V; 可接1~12个350Ω电阻应变式传感器
- 传感器连接方式: 采用6线式(长线自动补偿,补偿距离 ≤ 50 米) 可显示年/月/日、时/分/秒,自动闰年、闰月、不受断电影响
- 大屏幕接口: 电流环/RS232输出方式,波特率: 600bps
传输距离: ≤ 30 米
- 串行通讯接口: 传输方式: RS232
波特率: 600/1200/2400/4800/9600/19200可选
- 打印接口: 标准并行输出接口,可接KX-P1121、KX-P1131、LQ300K+II、LQ1600K、LQ-680K、DS-300和LQ-730K/630K/635K等宽行打印机
- 数据贮存数量: 车号和皮重: ≤ 1000 个
称重记录: ≤ 1000 组
- 使用电源: 交流电源: AC187~242V, 50 Hz
- 仪表尺寸: 321*236*108 mm(宽*高*深)

Introduction

XK3118K5+A is a high-brightness OLED dot matrix display indicator specially designed for the needs of international customers. It can directly display the English menu and information prompt interface, and the human-machine dialogue is straight forward.

Stainless steel casing, 256*64 monochrome dot matrix OLED display module, can input, display and print English vehicle number and cargo number, connect external PS2 keyboard for operation and input, transformer power supply, easy to achieve electrical isolation with magnetic isolation element. The device ensures that the indicator is protected from AC interference and communication cross talk. The sensor interface uses aviation plugs to meet the interface requirements of overseas customers. Up to 12pcs 350Ω sensors can be connected.

Main features

- High-precision AD conversion with readability of 1/30000;
- 20 times internal code display, alternative to the sensitivity of the weight observation and analysis error;
- The automatic zero setting range and the manual zero setting range can be set independently, and the zero tracking range can be set;
- Configure isolated RS232/RS485 communication interfaces, multiple communication formats;
- Configure an isolated print interface for external printers;
- Configure a scoreboard interface;
- External PS2 keyboard supported.

Technical Parameters

- Verification of the number of divisions: n = 3000
- Error distribution system: $\pi=0.5$
- Division value: 1, 2, 5, 10, 20, 50 optional
- Input sensitivity: $\geq 1.5uV/e$
- A/D convert: $\Delta - \Sigma$, 24bit
- Sensor excitation voltage: DC 5V
- Number of sensor connections: up to 12pcs 350Ω analog sensors.
- Sensor connection method: 6-wire type (long-line automatic compensation, compensation distance ≤ 50 meters)
- Clock: display year/month/day, hour/minute/second, a roman leap year, month, without power interruption
- Scoreboard interface: Current loop / RS232 output, baud rate: 600bps, Transmission distance: ≤ 30 meters.
- Serial interface: RS232 transmission distance: RS232 ≤ 30 meters
- Basic rate: 1200/2400/4800/9600/19200bps optional
- Printer interface: Standard parallel output interface for KX-P1111, KX-P1131, LQ300K+II, wide line printers such as LQ1600K, LQ-680K, DS-300 and LQ-730K/630K/635K
- Data storage: 1000 set of vehicle number and tare weight; 1000 set records of weighing record.
- Operation Environment: Working Temperature: $0^{\circ}C \sim 40^{\circ}C$ Working humidity: $\leq 85\%$ (RH) no condensation
- Power supply: AC 187~242V, 50 Hz
- Auxiliary power supply: external 6V/10Ah maintenance-free lead-acid battery (charging by indicator)
- Dimension: 321*236*108mm

防爆仪表 Explosion-proof indicator Ex-XK3118T4



<< Ex-XK3118T4

产品简介:

防爆等级: ExIIBCT4Gb 防爆合格证号: GYB16.1665X
ExIIBCT4Gb 的含义:

标志内容	符号	含义
防爆声明	Ex	符合某种防爆标准, 如我国的国家标准
防爆方式	d	采用本安方法
气体类别	II B	允许涉及 II B 类爆炸性气体(典型气体乙烯)
温度组别	T4	仪表表面温度不超过 135°C

· 特点及基本功能

不锈钢壳体;
可选配本安电源;
可选配本安电池;
传感器接口本安输出

· 主要技术参数

传感器激励: DC 5V, 可连接 1~4 只本安传感器;
传感器接口本安参数:
 $U_i=11.8V$ $I_i=800mA$ $P_i=2.33W$ $C_i=0\mu F$ $L_i=0mH$
 $U_o=7.5V$ $I_o=250mA$ $P_o=0.44W$ $C_o=11\mu F$ $L_o=0.3mH$
键盘: 6 个薄膜按键
电源: 额定电压 DC 10V,
选配本安型输出电源或选配 8.4V 本安电池组。
接线盒: 需配柯力本安数字接线盒
尺寸: 265 × 203 × 92mm (长 × 宽 × 高)
自重: 约 2kg

Introduction

Explosion-proof grade: ExIIBCT4Gb Explosion-proof certificate number: GYB16.1665X
The meaning of ExIIBCT4Gb:

Category	Mark	Definition
Explosive proof declaration	Ex	In accordance with certain standards, for instance, our national explosive proof standards
Protection type	d	Adopt flame proof type
Gas categories	II B	Allow for II B type explosive gas (typical type like Ethylene)
Temperature Class	T4	Maximum temperature on the shell shall not exceed 135°C

Main features:
6-digit LCD display;
Stainless steel shell;
Optional intrinsically safe power supply;
Optional intrinsically safe battery;
Load cell interface intrinsically safe output;

Technical parameters:
Load cell excitation: DC 5V, can connect 1~4 intrinsically safe load cells;
Intrinsic safety parameters of load cell interface:
 $U_i=11.8V$ $I_i=800mA$ $P_i=2.33W$ $C_i=0\mu F$ $L_i=0mH$
 $U_o=7.5V$ $I_o=250mA$ $P_o=0.44W$ $C_o=11\mu F$ $L_o=0.3mH$
Keyboard: 6 membrane buttons
Power supply: rated voltage DC10V, optional intrinsically safe output power supply or optional 8.4V intrinsically safe battery pack, need to be equipped with Ksl intrinsically safe digital junction box
Junction box
Dimension: 265 × 203 × 92mm (length × width × height)
Weight: about 2kg

防爆仪表 Explosion-proof indicator Ex-D11-C



<< Ex-D11-C

产品简介:

Ex-D11-C 防爆型电子称重仪表, 防爆方式采用隔爆型, 可以与柯力 E 型防爆数字传感器连接, 适用于化工、医药等有防爆要求计量应用场合。

防爆等级: Exd[ial CGa]IIBT4Gb 的含义:

标志内容	符号	含义
防爆声明	Ex	符合某种防爆标准, 如我国的国家标准
防爆方式	d	采用隔爆方法
气体类别	II B	允许涉及 II B 类爆炸性气体(典型气体乙烯)
温度组别	T4	仪表表面温度不超过 135°C

防爆合格证号: GYB13.1560X

· 特点及基本功能

柯力 E 型防爆数字传感器; 支持自动组秤方式;
自动调角差功能和手动调角功能; 非线性修正功能;
数字传感器内码查看功能; 数字传感器状态快速检测功能;
支持压角查看地址; 支持组秤异常检测;
配置大屏幕接口; RS485 通讯接口;
防爆方式采用隔爆型;

· 主要技术参数

数字传感器接口: RS485 方式, 最大传输距离 ≤ 40 米
传输速率: 19200 bps;
传感器接口电源端本安参数:
 $U_o=16V$ $I_o=800mA$ $P_i=3.2W$,
 $C_o=2.75\mu F$ $L_o=0.1mH$;
传感器接口通讯端本安参数:
 $I_i=12.8V$ $I_i=322mA$ $P_i=1.1W$,
 $C_i=1.06\mu F$ $L_i=0.3mH$;
数字传感器连接数量: 1~8 个
数字传感器通讯协议: 柯力 E 协议
键盘: 16 个金属按键
显示: 7 位 LED 数码管, 7 个状态指示符;
大屏幕接口: 20mA 电流环恒流源串行输出, 波特率 600,
传输距离 ≤ 100 米;
RS485 通讯接口: 配置标准 RS485, 波特率 2400~19200 可选
仪表电源: 主电源交流 110~220V, 50Hz;
外型: 440 × 350 × 152mm;
自重: 约 20 公斤

Introduction

Ex-D11-C is explosion proof indicator work with Keli E type explosive proof digital load cell, designed for chemical, pharmaceutical and other field with explosive proof requirement.

Explosive-proof rating: Exd[ialCGa]IIBT4Gb

Category	Mark	Definition
Explosive proof declaration	Ex	In accordance with certain standards, for instance, our national explosive proof standards
Protection type	d	Adopt flame proof type
Gas categories	II B	Allow for II B type explosive gas (typical type like Ethylene)
Temperature Class	T4	Maximum temperature on the shell shall not exceed 135°C

· Features and basic function

Work with Keli E type digital load cell, support auto scale assembly
Support auto self angle difference adjustment and manually adjustment function
Non-linearity correction
Digital load cell internal code checking and status quick testing
Support check address by pressing the angel, support problem diagnose in scale assembly
Equipped with scoreboard and RS485 communication interface
Protection type: Flameproof type

· Main technical parameter

Digital load cell interface: RS485, maximum communication distance
≤ 40 meters
Communication speed: 19200 bps;
Intrinsic safe parameters for load cell power supply interface:
 $U_o=16V$ $I_o=800mA$ $P_i=3.2W$,
 $C_o=2.75\mu F$ $L_o=0.1mH$;
Intrinsic safe parameters for load cell communication interface:
 $U_i=12.8V$ $I_i=322mA$ $P_i=1.1W$ $C_i=1.06\mu F$ $L_i=0.3mH$;
Quantity of load cell to work with: 1~8
Digital load cell communication protocol: Keli type E
Keypad: 16 metal keys
Display: 7 LED digital bits, 7 status indication
Scoreboard interface: 20mA constant current loop serial output, Baud rate 600, communication distance ≤ 100 meters;
RS485 interface: Standard RS485, Baud rate can be selected between 2400~19200
Power Supply: Main Power 110~220V, 50Hz;
Outline Dimension: 440 × 350 × 152mm;
Net weight: 20 kgs



<< D30

产品简介:

D30仪表最大能接4个数字传感器,适用于单节平台秤、农贸秤等场合,作为D30系列的高端版本。不仅具有台秤仪表的功能,同时也有数字仪表的调秤功能。

·主要技术参数:

型号	D30
传感器接口	支持柯力E型、K型数字传感器 4个数字传感器 通讯距离不大于75m 传输波特率19200 bps 激励电源DC12V
显示	7位1.2英寸红光LED数码管, 10个状态指示符
按键	薄膜按键, 6个, 通过组合键形式操作; 时钟 可显示年、月、日、时、分、秒, 自动闰年、 闰月
大屏幕接口	通讯方式: 电流环、RS232 波特率: 600bps
PC接口	传输方式: RS232
波特率:	1200-9600bps可选
打印接口	配置标准并行打印接口, 可配接ESPON LQ-300K+ II、ESPON LQ-300K、KX-P1131、KX-P1121、DS-300等宽行打印机。 固定一种磅单打印格式。
使用环境:	电源 开关电源, AC 110-220V/50Hz 使用温度 -10°C - 40°C 储运温度 -20°C - 50°C 相对湿度 ≤85%RH
尺寸	293mm × 210mm × 70mm (长×宽×高)
重量	2.2kg

Introduction

D30 can connect max 4 pcs digital sensors, suitable for platform scales, floor scales. It not only has the function of platform scale instrument, but also has the scale adjustment function of digital instrument.

Technical parameter

1. Model	D30
2. Sensor interface:	Keli E-type and K-type digital sensors 4pcs digital sensors Communication distance is not more than 75m Transmission baud rate 19200 bps Excitation power DC12V
3. Display:	7-bit 1.2-inch red LED digital tube, 10 status indicators
4. Buttons:	6 membrane buttons, operated by a combination of keys;
5. Clock:	Display year, month, day, hour, minute, second, leap year, leap month automatically
6. Remote display interface:	Current loop, RS232 Baud rate: 600bps
7. PC interface transmission mode:	RS232 Baud rate: 1200-9600bps optional
8. Standard parallel printing interface for	ESPON LQ-300K+ II, ESPON LQ-300K, KX-P1131, KX-P1121, DS-300 and other wide-line printers with a settled print format.
9. Environment:	Power supply: switching power supply, AC 110-220V/50Hz Operating temperature -10°C - 40°C Storage temperature -20°C - 50°C Relative humidity ≤85%RH
10. Overall dimension:	293mm × 210mm × 70mm (length × width × height)
11. Weight:	2.2kg



<< D30-1

产品简介:

D30-1仪表最大能接4个数字传感器,适用于单节平台秤、农贸秤等场合,作为D30仪表的差异化版本。不仅具有台秤仪表的功能,同时也有数字仪表的调秤功能。

·主要技术参数:

型号	D30-1
传感器接口	支持柯力E型、K型数字传感器 4个数字传感器 通讯距离不大于75m 传输波特率19200 bps 激励电源DC12V
显示	6位1.2英寸红光LED数码管, 9个状态指示符
按键	轻触按键, 8个, 通过组合键形式操作; 时钟 可显示年、月、日、时、分、秒, 自动闰年、 闰月
大屏幕接口	通讯方式: 电流环、RS232 波特率: 600bps
PC接口	传输方式: RS232
波特率:	1200-9600bps可选
打印接口	配置标准并行打印接口, 可配接ESPON LQ-300K+ II、ESPON LQ-300K、KX-P1131、KX-P1121、DS-300等宽行打印机。 固定一种磅单打印格式。
使用环境:	电源 开关电源, AC 110-220V/50Hz 使用温度 -10°C - 40°C 储运温度 -20°C - 50°C 相对湿度 ≤85%RH
尺寸	240mm × 155mm × 155mm (长×宽×高)
重量	0.9kg

Introduction

The D30-1 meter can connect up to 4 digital sensors for single-station platform scales, agricultural trade scales, etc., as a differentiated version of the D30 meter. Not only has the function of the scale instrument, but also the scale function of the digital instrument.

Technical Parameters

Model	D30-1
sensor interface	supports Keli E-type and K-type numerical sensors 4 digital sensors Communication distance is no more than 75m Transmission baud rate 19200 bps Excitation power supply DC12V
Display	Display 6-digit 1.2-inch red LED digital tube, 9 status indicators Press the button, 8 buttons, through the combination of key operations; clock can display the year, month, day, hour, minute, second, automatic leap year, month
Large screen interface	Large screen interface communication mode: current loop, RS232 Baud rate: 600bps
PC interface transmission mode:	RS232
Baud rate:	1200-9600bps optional
Print interface	Print interface is equipped with standard parallel printing interface, which can be equipped with wide-line printers such as ESPON LQ-300K+II, ESPON LQ-300K, KX-P1131, KX-P1121, DS-300. Fixed a pound-to-single print format.
Use environment:	power switching power supply, AC 110-220V/50Hz Operating temperature -10°C - 40°C Storage and transportation temperature -20°C - 50°C Relative humidity ≤ 85% RH
size	240mm × 155mm × 155mm (length × width × height)
weight	0.9kg

数字衡器仪表 Digital indicator for trade use D2002EA



<< D2002EA

产品简介:

D2002EA是一款静态汽车衡仪表,定位是替换原有的D2002E仪表,同时兼容现有E型协议,支持C、E型两种传感器混接。同时仪表接口增加电气隔离,已提高其性能。

主要技术参数:

型号	D2002E、D2002EAP、D2002EAP1
传感器接口	柯力C系列、E系列、C与E混合数字传感器 12个数字传感器 最大通讯距离75米 通讯速率9600bps、19200bps 激励电源DC12V
显示	7位LED数码管,7个状态指示灯
按键	薄膜按键,20个
时钟	可显示年、月、日、时、分、秒,自动闰年、闰月
大屏幕接口	通讯方式:电流环、RS232 波特率:600bps
PC接口	传输方式:RS232 波特率:1200~9600bps可选
打印接口	配置标准并行打印接口,可配接ESPON LQ-300K+II、ESPON LQ-300K、KX-P1131、KX-P1121、DS-300等宽行打印机
数据贮存	车号和皮重500个,称重记录1000组;
使用环境	电源 开关电源,AC 110-220V/50Hz 使用温度 -10°C ~ 40°C 储运温度 -20°C ~ 50°C 相对湿度 ≤85%RH
尺寸	336mm × 235mm × 131mm (长×宽×高)
重量	3.1kg

Introduction

D2002EA is a static vehicle scale instrument, positioning is to replace the original D2002E instrument, at the same time compatible with the existing E protocol, support C, E type two sensor hybrid. At the same time, the instrument interface increases the electrical isolation, which has improved its performance.

Technical Parameters	Type D2002E、D2002EAP、D2002EAP1
Sensor interface	KeLi C protocol, E Protocol, C and E mixed load cells 12 digital load cells The maximum communication distance is 75 meters Communication rate 9600bps、19200bps Excitation power supply DC12V
Display	Display 7 bit LED digital tube, 7 status indicators
Keyboard	Keyboard Membrane keyboards, 20 pcs
Clock	Clock Can display year, month, day, hour, minute, second, automatic leap year, leap month
Scoreboard interface	Communication mode: current loop, RS232 Baud rate: 600bps
PC interface	PC interface transport: RS232 Baud rate: 1200~9600bps available
Printing Interface	Configure the standard parallel print interface, can match with ESPON LQ-300K+II、ESPON LQ-300K、KX-P1131、KX-P1121、DS-300 etc Wide-line printer
Data storage	Data storage 500 car Numbers and tare weights, 1000 sets of weighing records;
Using environment	Power Switching power supply, AC 110-220V/50Hz operating temperature -10°C ~ 40°C Storage temperature -20°C ~ 50°C Relative humidity ≤85%RH Size 336mm × 235mm × 131mm (Length × Width × Height) Weight 3.1kg

数字衡器仪表 Digital indicator for trade use

D2008型(08+FA)和D2008型(09FA)系列



<< D2008型08+FP1

产品简介:

D2008系列数字式电子称重仪表,采用不锈钢外壳,配置高性能宽电压开关电源,交直流两用,适用于1-16个C型或E型数字传感器的静态汽车衡系统。

- D2008型(08+FA) 仪表为橡胶按键;
- D2008型(08+FP) 仪表为橡胶按键,内置热敏微型打印机;
- D2008型(08+FP1) 仪表为橡胶按键,内置针式微型打印机;
- D2008型(09FA) 仪表为橡胶按键;浮地设计;
- D2008型(09FP) 仪表为橡胶按键,内置热敏微型打印机,浮地设计;
- D2008型(09FP1) 仪表为橡胶按键,内置针式微型打印机,浮地设计;

特点及基本功能:

- 具有2种自动组网方式;
- 仪表与传感器通讯支持加密功能;
- 支持Modbus-RTU协议;
- 具有文本信息可输入、可打印功能;
- 自动调角差功能和手动调角功能;非线性修正功能;
- 标率备份与还原功能(订货时请说明);
- 数字传感器内码查看功能;数字传感器状态检测功能;
- 配置大屏幕接口;串行通讯接口;配置标准并行打印接口,可自定义打印格式;
- PC串口自检功能;蓄电池电压值显示功能;恒流源智能充电保护功能;
- 全面配置CMC电磁兼容防护措施;
- 具有恢复出厂设置功能;

主要技术参数:

数字传感器接口:	RS485方式,最大传输距离≤75米
传输速率:	E协议19200 bps, C协议9600bps;
数字传感器供电电源:	DC12V/≈750mA
数字传感器连接数量:	1-16个
数字传感器通讯协议:	柯力E协议或柯力C协议
显示:	7位LED数码管,7个状态指示灯;
大屏幕接口:	20mA电流环恒流源串行输出,传输距离≤100米;
串行通讯接口:	配置标准RS232, RS485, 波特率600-19200可选
打印机接口:	配置标准并行打印接口,推荐ESPON LQ-300K/300K+II, ESPON LQ680/730/1600K, 松下KX-P1121/1131, 得实DS300/2600宽行打印机;
数据贮存:	可贮存1500组车号皮重,201组货号和中英文货物名,100组客户号及中英文客户名,100组数字或中英文备注信息,可贮存2400组称重记录。
仪表电源:	交流110-220V, 50Hz;
辅助电源:	DC 12V/7Ah免维护蓄电池(随机充电)
外型:	339 × 110 × 230 mm
自重:	约3.6公斤

Introduction

D2008 series digital electronic weighing instruments, stainless steel housing, high performance wide voltage switching power supply, AC/DC dual-use suitable for 1-16 pc or E type digital sensor for static truck scale system;

- D2008 (08+FA) Rubber Key;
- D2008 (08+FP) Rubber Key, Thermal micro-printer inside;
- D2008 (08+FP1) Rubber Key, Dot micro-printer inside;
- D2008 (09FA) Rubber Key Floating ground design;
- D2008 (09FP) Rubber Key, Thermal micro-printer inside, Flat design;
- D2008 (09FP1) Rubber Key, Dot micro-printer inside, Float design;

Feature and Function:

- Two automatic networking modes;
- Indicator and sensor communication encryption function;
- Modbus-RTU Protocol supported;
- Text information input and printing;
- Automatic angle deviation adjustment and manual angle deviation adjustment; Nonlinear correct on function;
- Standard backup and restore function (please note when ordering);
- Digital sensor code check function; Digital sensor status detection function;
- Configure large screen interface; serial communication interface; standard parallel printing interface; customize printing format;
- PC serial port self-check; battery voltage value display; constant current source charging protect on function;
- EMC protection;
- Restoring factory Settings;

Technical Parameters:

Digital sensor interface:	RS485, Maximum transmission distance ≤ 75 meters
Transmission rate:	E Protocol 19200 bps, C Protocol 9600bps;
Digital sensor power supply:	DC12V/≈750mA
Number of digital sensor connections:	1-16pcs
Digital sensor communication protocol:	KeLi E Protocol or KeLi C Protocol
Display:	7 bit LED digital tube, 7 status indicators;
Score board interface:	20mA current loop constant serial output, transmission distance ≤ 100m;
Serial communication interface:	Standard RS232, RS485, Baud rate 600-19200 bps
Micro-printer interface:	Standard parallel print interface, ESPON LQ-300K/300K+II, ESPON LQ680/730/1600K, KX-P1121/1131, DS300/2600;
Data storage:	1500 sets of car number and tare weight, 201 sets of article number and name of goods in Chinese and English, 100 sets of customer number and name in Chinese/English, 100 sets of numbers or notes in Chinese/English, 2400 sets of weighing records.
Indicator power:	AC 110-220V, 50Hz;
Auxiliary power:	DC 12V/7Ah maintenance-free battery (Charge by indicator)
Size:	339 × 110 × 230 mm
Weight:	Around 3.6kg

数字衡器仪表 Digital indicator for trade use D2008型(HF)



<< D2008型(HF)

产品简介:

内置电气隔离+防静电设计,减少因现场接地问题所引起的串行接口损坏、传感器接口环、重量不稳定、与传感器通讯时好时坏等现象,仪表的传感器接口防浪涌保护设计提高了仪表对雷击浪涌的防护能力,适用于静态数字汽车系统。

同系列产品:
D2008型(HFP)——带热敏微打
D2008型(HFP1)——带针式微打

• 特点及基本功能:

1. 智能识别汽车衡传感器受力后信号异常状态并提示
2. 支持E系列协议传感器绑定功能
3. V07版本及之后版本支持现场无线远程调秤
4. 支持自动调角、自动调轴、轴重量调角、轴重量调轴及轴系数调角等调秤功能
5. 具有丰富的PC通讯协议
6. 支持C系列、E系列及K系列协议传感器

• 主要技术参数:

数字传感器接口: Rs485方式,在接12数字传感器情况下总线可接至75米;
传输速率: 9600、19200 bps;
数字传感器供电电源: DC12V/750mA
数字传感器连接数量: 1-16个
数字传感器通讯协议: C协议、C定制协议、E协议、E定制协议和K协议;
显示方式: 7位0.8inch LED数码管,7个状态指示灯;
大屏幕接口: 20mA电流环恒流源串行输出,波特率600,传输距离≤100米;
串行通讯接口: 配置标准RS232,波特率600-19200可选
打印机接口: 配置标准并行打印接口,可配接EPSON LQ-300K + II、EPSON LQ-300K、EPSON LQ-680K、EPSON LQ-730K、EPSON LQ-1620K (+)、KX-P1131、KX-P1121、得实DS-300、得实DS1900、映美FP560K及映美LQ-350K等宽行打印机及外接POSE8机种WH-T2AR10-00A3PB、崎AB-300K打印机。P带热敏微打(宽纸直径57mm × φ30),P1带针式微打(宽纸直径44mm × φ40)。
数据贮存: 可贮存1000组车号皮重,1500组最新称重记录,300组最新不完整称重记录
仪表电源: 主电源交流110-220V,50Hz;
应急辅助电源: DC12V/7Ah免维护蓄电池(随机充电)
外型: 320 × 130 × 230 mm
自重: 约3.6公斤

Introduction

Built-in electrical isolation + anti-static design, reducing the serial interface damage caused by the grounding problem of the site, the sensor interface is bad, the weight is unstable, and the communication with the sensor is good or bad, the sensor interface anti-surge protection design of the instrument is improved. The instrument's ability to protect against lightning surges is applicable to static digital automotive systems.

Similar series products: D2008-(HFP)——thermal micro-printer
D2008-(HFP1)——type micro-printer

• Features and basic functions:

1. Intelligently recognize and prompt the abnormal state of the signal after truck scale been loaded
2. Support C protocol sensor binding function
3. V07 and later versions support on-site wireless remote scale adjustment
4. Support scale adjustment functions such as automatic angle adjustment, automatic shaft adjustment, weight loss angle adjustment, weight loss axis adjustment, and shaft angle adjustment via coefficient
5. With various PC communication protocol
6. Support C series, E series and K series protocol sensors

• Technical parameters:

Digital sensor interface: RS485 mode, the bus can be connected to 75 meters in the case of 12 digital load cell;
Transmission rate: 9600、19200 bps;
Digital sensor power supply: DC12V/750mA
Number of digital load cell connections: 1-16 pcs
Digital load cell communication protocol: C protocol, C customized protocol, E protocol, E customized protocol and K protocol;
Display method: 7-bit 0.8-inch LED digital tube, 7 status indicators;
Large screen interface: 20 mA current loop constant current source serial output, baud rate 600, transmission distance less than 100 meters;
Serial Communication interface: Standard configuration RS232, baud rate 600-19200
Printer interface: Configure standard parallel printing interface, can be equipped with EPSON LQ-300K + II, EPSON LQ-300K, EPSON LQ-680K, EPSON LQ-730K, EPSON LQ-1600K (+), KX-P1131, KX-P1121, Dashi DS-300 Dashi DS1900, Yingmei FP560K and Yingmei LQ-350K and other wide line printers and external POSSE machine brilliant Hueng-T2AR10-00ABPB, Nakaaki AB-300K printer. P with thermal micro-printer (width * paper diameter 57mm × φ30), P1 with needle micro-printer (width * paper diameter 44mm × φ40).
Data storage: 1000 sets of car tare weight, 1500 sets of latest weighing records, 300 sets of latest incomplete weighing records
Instrument power supply: Main power supply AC 110-220V, 50Hz;
Emergency auxiliary power supply: DC 12V/7Ah maintenance-free battery (random charging)
Dimension: 320 × 130 × 230 mm
Weight: About 3.6 kg

数字衡器仪表 Digital indicator for trade use D2008型(DF)



<< D2008型(DF)

产品简介:

此产品属D2008型(09FA)的升级版,软件功能同D2008型(H),可支持定制锁机功能和传感器协议,适用于不需要对外接设备进行接口电气隔离设计的现场环境,仪表的传感器接口防浪涌保护设计提高了仪表对雷击浪涌的防护能力,适用于静态数字汽车系统。

同系列产品:
D2008型(DFP)——带热敏微打
D2008型(DFP1)——带针式微打

• 特点及基本功能:

1. 智能识别汽车衡传感器受力后信号异常状态并提示
2. 支持E系列协议传感器绑定功能
3. V07版本及之后版本支持现场无线远程调秤
4. 支持自动调角、自动调轴、轴重量调角、轴重量调轴及轴系数调角等调秤功能
5. 具有丰富的PC通讯协议
6. 支持C系列、E系列及K系列协议传感器

• 主要技术参数:

数字传感器接口: Rs485方式,在接12数字传感器情况下总线可接至75米;
传输速率: 9600、19200 bps;
数字传感器供电电源: DC12V/750mA
数字传感器连接数量: 1-16个
数字传感器通讯协议: C协议、C定制协议、E协议、E定制协议和K协议;
显示方式: 7位0.8inch LED数码管,7个状态指示灯;
大屏幕接口: 20mA电流环恒流源串行输出,波特率600,传输距离≤100米;
串行通讯接口: 配置标准RS232,波特率600-19200可选
打印机接口: 配置标准并行打印接口,可配接EPSON LQ-300K + II、EPSON LQ-300K、EPSON LQ-680K、EPSON LQ-730K、EPSON LQ-1620K (+)、KX-P1131、KX-P1121、得实DS-300、得实DS1900、映美FP560K及映美LQ-350K等宽行打印机及外接POSE8机种WH-T2AR10-00ADPB、中崎AB-300K打印机。P带热敏微打(宽纸直径57mm × φ30),P1带针式微打(宽纸直径44mm × φ40)。
数据贮存: 可贮存1000组车号皮重,1500组最新称重记录,300组最新不完整称重记录
仪表电源: 主电源交流110-220V,50Hz;
应急辅助电源: DC12V/7Ah免维护蓄电池(随机充电)
外型: 320 × 130 × 230 mm
自重: 约3.6公斤

Introduction

This product belongs to the type D2008 (09 FA), software function same with D2008 type (H), and sensor protocol can support custom lock machine function, apply to the application which don't need foreign port equipment interface electrical isolation design field environment, instrument of the anti surge protection design improves the sensor interface instrument of lightning surge protection suitable for static digital vehicle systems.

The same series products: D2008 (DFP)——with thermosensitive micro-printer
D2008 (DFP1)——with pin type micro-printer

• Features and basic functions:

1. Intelligently recognize and prompt the abnormal state of the signal after truck scale been loaded
2. Support C protocol sensor binding function
3. V07 and later versions support on-site wireless remote scale adjustment
4. Support scale adjustment functions such as automatic angle adjustment, automatic shaft adjustment, weight loss angle adjustment, weight loss axis adjustment, and shaft angle adjustment via coefficient
5. With various PC communication protocol
6. Support C series, E series and K series protocol sensors

Main technical parameter:

Digital sensor interface: RS485 mode, the bus can be connected to 75 meters when connected to 12 digital sensors;
Transmission rate: 9600、19200 bps;
Digital load cell power supply: DC12V/750mA
Number of digital sensor connections: 1-16 pcs
Digital sensor communication protocol: C protocol, C special protocol, E protocol, E special protocol and K protocol;
Display mode: 7 bit 0.8inch LED digital tube, 7 status indicators;
Score board interface: 20mA current loop constant current source serial output, baud rate 600, transmission distance ≤ 100 meters;
Serial communication interface: Standard RS232, baud rate 600-19200 optional
Printer interface: Configure the standard parallel print interface, can match with EPSON LQ-300K + II, EPSON LQ-300K, EPSON LQ-680K, EPSON LQ-730K, EPSON LQ-1620K (+), KX-P1131, KX-P1121, DS-300, DS-1900, FP560K LQ-350K POSSE WH-T2AR10-00ABPB, AB-300K. P means With thermal micro printer (57mm × φ30), P1 means dot printer (44mm × φ40).
Data storage: It can store 1000 sets of tare weight 1500 sets of latest weighing records, 300 sets of latest incomplete weighing records
Indicator Power: Main power AC 110-220V, 50Hz;
Emergency auxiliary power supply: DC 12V/7Ah maintenance-free battery (Random charging)
Size: 320 × 130 × 230 mm
Weight: around 3.6kg

数字衡器仪表 Digital indicator for trade use D12-Y+ D12-R+



<< D12-Y+

<< D12-R+

产品简介:

内置电气隔离+防静电设计,减少因现场接地问题所引起的串行接口损坏、传感器接口坏、重量不稳定、与传感器通讯时灯时坏等现象,仪表的传感器接口防浪涌保护设计提高了仪表对雷击浪涌的防护能力,适用于静态数字汽车系统。

同系列产品:

- D12-Y+ ----不带面板微打 D12-YP+----带热敏微打
- D12-YP1+----带针式微打 D12-R+ ----不带面板微打
- D12-RP1+----带针式微打

· 特点及基本功能:

1. 内置恒流浮充充电电路,更好得保护蓄电池;
2. 快速存储设计,解决记录存储满问题;
3. 支持自定义填充打印排版功能;
4. 通过隔离+接口静电保护设计,保护传感器免受外接设备的电气影响;
5. 新增支持E型定制协议和K协议,提高防作弊能力;
6. 支持常规C、E和K型通讯协议;
7. 拥有自动调角、输重量调角、轴调角及输系数调角功能,满足不同现场的情况;
8. 支持modbus指令协议和3种常用连续PC通讯协议;
9. 支持C8系列仪表加密方式和JM001、JM003一键加密方式。

· 主要技术参数:

数字传感器接口: RS485方式,在接12只数字传感器情况下总线可接至75米;

传输速率: 9600、19200 bps;

数字传感器供电电源: DC12V/750mA

数字传感器连接数量: 1-16个

数字传感器通讯协议: C协议、C定制协议、E协议、E定制协议和K协议;

显示方式: 7位0.8inch LED数码管,7个状态指示符;

大屏幕接口: 20mA电流环恒流源串行输出,波特率600,传输距离≤100米;

串行通讯接口: 配置标准RS232,波特率600-19200可选

打印机接口: 配置标准并行打印接口,可配接EPSON LQ-300K + II、EPSON LQ-300K、EPSON LQ-680K、EPSON LQ-730K、EPSON LQ-1600K (+)、KX-P1131、KX-P1121、得实DS-300、得实DS1900、映美FP560K及映美LQ-350K等宽行打印机及外接POS58机种WH-T2AR10-C0ABPB、中崎AB-300K打印机。P带热敏微打(宽*纸直径57mm×φ30)、P1带针式微打(宽*纸直径44mm×φ40)。

数据贮存: 可贮存1000组车号皮重,1500组最新称重记录,300组最新不完整称重记录

仪表电源: 交流110-220V,50Hz;

应急辅助电源: DC 12V/7Ah免维护蓄电池(随机充电)

外型: 330×207×185mm

自重: 约1.6公斤

Introduction

Eu E-in electrical isolation & anti-static design, reduce the phenomenon of serial interface damage, sensor interface damage, unstable weight, inconsistent communicating with the sensor caused by on-site grounding problem, sensor interface anti-surge protection design of the instrument is improved. The instrument's ability to protect against lightning surges is applicable to static digital automotive systems.

Indicator mode:

- D12-Y+ ----without panel micro-printer
- D12-YP+----with thermal micro-printer
- D12-YP1+----with pin-type micro-printer
- D12-R+----without panel micro-printer
- D12-RP1+----with pin-type micro-printer

· Features and basic functions:

1. Built-in constant current floating charge charging circuit to better protect the battery;
2. Fast storage design to solve the problem of full storage of records;
3. Support customize print format;
4. Protect the load cell from the electrical influence of the external device through the isolation and interface electrostatic protection design;
5. Added E-type custom protocol and K protocol to improve anti-cheat ability;
6. Support common C, E and K communication protocols;
7. Automatic angle deviation adjustment or adjusted by input weight/side coefficient to meet different site angle deviation adjustment;
8. Support ModBus command protocol and 3 commonly used continuous PC communication protocols;
9. Support C8 series instrument encryption method and JM001, JM003 one-key encryption.

· Main technical parameters:

Digital sensor interface: RS485 mode, the bus can be connected to 75 meters when connected with 12 digital sensors;

Eu E-in rate: 9600、19200 bps;

Digital sensor power supply: DC12V/750mA

Digital sensor connector number: 1 to 16pcs

Digital sensor communication protocol: C protocol, C customize protocol, E protocol, E customize protocol and K protocol;

Display mode: 7 -digit 0.8inch LED digital tube, 7 status indicators;

Large screen interface: 20mA current loop constant current serial output, transmission distance ≤ 100 meters;

Serial interface: standard RS232, baud rate 600-19200 bps optional

Printer interface: standard parallel interface, can be connected with EPSON LQ-300K + II, EPSON LQ-300K, EPSON LQ-680K, EPSON LQ-730K, EPSON LQ-1600K (+), KX-P1131, KX-P1121, DS-300, DS1900, Yingmei FP560K and Yingmei LQ-350K and other wide-line printers and external POS58 machine brand WH-T2AR10-C0ABPB, Nakasak AB-300K printer, P with thermal micro-printer (width * paper diameter 57mm × φ30), P1 with needle micro-printer (width * paper diameter 44mm × φ40)

Data storage: 1000 sets of car tare weight, 1500 sets of latest weighing records, 300 sets of latest incomplete weighing records

Instrument power supply: AC 110-220V, 50Hz;

Emergency auxiliary power supply: DC 12V/7Ah maintenance-free battery (charging by random)

Overall dimension: 330 × 207 × 185mm

Weight: around 1.6 kg

数字衡器仪表 Digital indicator for trade use D29



<< D29

产品简介:

D29电子称重仪表将所有调秤过程以图形界面的形式展现在操作人员面前,使调秤变得直观和高效;终端用户的操作界面不再是抽象的笔段界面,将各种常见错误操作或故障以文字或图形进行提示,使排除故障变得简单而准确;具有显示内容清晰的称重记录存储管理界面,使称重记录管理变得方便。适用于数字静态汽车衡系统。

· 特点及基本功能:

1. 图形文字显示,显示内容变得丰富而形象;
2. 每个操作都有图文详细说明,让复杂的设置变得简单;
3. 多种形象的数字调秤界面,使调秤更精确;
4. 支持中英文输入,车号中汉字/字母/数字皆可显示,让称重记录更加完整;
5. 支持为提高仪表防作弊器设计的E型动态加密通讯协议和K协议;
6. 采用多重电气隔离保护设计,提高汽车衡系统的可靠性;
7. 支持常规C、E和K型通讯协议;
8. 支持带有角度测试的柱式传感器,以形象的界面显示每只传感器的安装状况;(选配)
9. 拥有自动调角、输重量调角、轴调角及输系数调角功能,满足不同现场的情况;
10. 支持C8系列仪表加密方式和JM001一键加密方式;
11. 通过RS232/RS485或以太网查询平台与传感器的状态。

· 主要技术参数:

数字传感器接口: RS485方式,在接12只数字传感器情况下总线可接至75米;

传输速率: 9600、19200 bps;

数字传感器供电电源: DC12V/750mA

数字传感器连接数量: 1-16个

数字传感器通讯协议: 常规C协议、C定制协议、E协议、E定制协议和K协议;

显示方式: 240*128,白底黑字LCD显示屏;

大屏幕接口: 20mA电流环恒流源串行输出,波特率600,传输距离≤100米;

串行通讯接口: 配置标准RS232和RS485,波特率600-19200可选

打印机接口: 配置标准并行打印接口,可配接EPSON LQ-300K + II、EPSON LQ-300K、EPSON LQ-680K、EPSON LQ-730K、EPSON LQ-1600K (+)、KX-P1131、KX-P1121、DS-300等宽行打印机及外接惠普瑞特POS58IV,中崎AB-300K打印机。

以太网接口: 10/100Mbps

数据贮存: 可贮存1000组车号皮重,4500组最新称重记录,300组最新不完整称重记录

仪表电源: 交流110-220V,50-60Hz;

外型: 318*218*100mm

自重: 约2.8公斤

Introduction

D29 digital weighing indicator directly shows operation by graphical form instead of abstract segment interface, it reminds wrong operation & problem by words or pictures efficiently, suitable for static digital truck scale systems.

Characteristics and descriptions

1. Graphics and text display, displaying content directly and clearly;
2. Each step have graphic introduction;
3. Variety of image make scale adjustment more accurate;
4. Supporting Chinese/English input, Chinese characters/Number/Letter can be displayed, so weighing records more complete;
5. Supporting E type moving encryption communication protocol & K type communication protocol;
6. Multiple electrical isolation protection improve the reliability of truck scale weighing systems;
7. Support routine C/E/K communication protocols;
8. Supporting column load cells with angle test, showing the installation of each load cell with visual interface, (optional)
9. Automatic angle regulator, angle modification...etc, meeting different actual conditions;
10. Support C8 series indicators encryption and JM001 key encryption
11. connecting load cell by RS232/RS485, or Ethernet.

Main technical parameter:

Digital load cell interface: RS485, type h, total cable 75 m if connecting 12 pcs load cells

Transmission rate: 9600、19200 bps;

Power supply: DC12V/750mA

Load cells numbers: 1-16pcs

Communication protocols: Keil's type C, C customized, type E, F customized and type K

Displaying: 240*128 white background with black text LCD;

Screen interface: 20mA current loop constant current serial output, baud rate 600, transmission distance ≤ 100 m;

Serial communication interface: standard RS232 and RS485, baud rate 600-19200 optional

Printer interface: standard parallel printer interface, suitable with EPSON LQ-300K + II, EPSON LQ-300K, EPSON LQ-680K, EPSON LQ-730K, EPSON LQ-1600K (+), KX-P1131, KX-P1121, DS-300 or out connect POS58IV, AB-300K printer, supporting U disk within 4G

USE interface: 10/100Mbps

Ethernet interface: 10/100Mbps

Data storage: 1000 sets of tare, 5000 sets of new weighing Records, 300 sets of new incomplete weighing records.

Power supply: AC 110-220V, 50-60Hz;

Appearance dimensions: 318*218*100mm

Weights: 2.8KG

数字衡器仪表 Digital indicator for trade use D39-E



<< D39-E

产品简介:

D39-E电子称重仪表是一款采用多任务操作系统技术平台，TFT显示和触摸操作，专门为数字汽车衡设计的称重仪表，更大程度发挥出数字化的优势；将所有操作过程都以图形文字界面的形式展现在操作人员面前，使操作变得直观和高效；将各种常见错误操作或故障以对话框的形式进行提示，对话框内详细的说明使排除故障变得简单而准确；具有显示数据清晰的称重记录存储管理界面，使称重记录管理变得简单。适用于数字静态汽车衡系统。

· 特点及基本功能:

1. 7inch800*480的TFT彩色显示。
2. 触摸操作准确性高，响应速度快，不需外接键盘辅助操作；
3. 支持以太网接口、RS232、RS485、并行打印接口和人屏接口；
4. 多种形象的数字秤调秤界面，使汽车衡数字化优势得到更好发挥；
5. 仪表异常提示信息清晰，且还有排除故障说明；
6. 支持英文触摸全键盘输入，让数字与文字编辑更方便；
7. 多种方式的秤台状态分析界面，让排除安装隐患和查询更方便；
8. 支持带有角度测试的柱式传感器；
9. 具有用户、调秤方和制造商多权限管理；
10. 支持C型、E型和K型多种协议传感器；
11. 所有外接设备在电气上与传感器隔离，传感器不受外接设备漏电的影响。同时仪表的传感器接口具有较强的防浪涌和静电保护。
12. 具有填充式打印纸的排版功能。

· 主要技术参数:

数字传感器接口: RS485方式，在接12只数字传感器情况下总线可接至75米，

传输速率: 9600、19200 bps;

数字传感器供电电源: DC12V/750mA

数字传感器连接数量: 1-16个

数字传感器通讯协议: C协议、C定制协议、E协议、E定制协议和K协议

显示方式: 7inch800*480的TFT彩色显示，英文界面

键盘: 电阻式触摸屏

大屏幕接口: 20mA电流环恒流源串行输出，波特率600，传输距离≤100米；

串行通讯接口: 配置标准RS232和RS485，波特率600-19200可选

打印机接口: 配置标准并行打印接口，可配接EPSON LQ-300K+ II、EPSON LQ-300K、EPSON LQ-690K、EPSON LQ-730K、EPSON LQ-1600K (+)、KX-P1131、KX-P1121、DS-300、得实DS1900、映美FP560K及映美LQ-350K等宽行打印机及外接POS58机灶煌WH-T2AR10-00ABPB、中崎AB-300K打印机。

以太网接口: 10/100Mbps

数据贮存: 可贮存1000组车号皮重，4500组最新称重记录，300组最新不完整称重记录

仪表电源: 交流110-220V，50-60Hz；

外型: 318*218*100mm

自重: 约2.7公斤

Introduction

D39-E is a multiple task operating system weighing instrument with TFT display and touch operation, specifically for digital truck scale, a greater extent of the digital advantages: all the weighing process in the form of graphical interface during operation, helps intuitive and efficient operation; prompting various common error operations or faults in the form of dialog boxes, the detailed description in the dialog box makes troubleshooting easier. Accurate; with a clear record storage management interface for display data, making weighing record management simple. Suitable for digital static truck scale systems.

· Feature & function:

1. 7inch800*480's TFT color display.
2. High accuracy touch operation, fast response, eliminates external keyboard
3. It supports Ethernet interface, RS232, RS485, parallel print interface and remote display interface.
4. Various image instructions of scale adjustment interface, easy for operating.
5. Error message with troubleshooting instruction
6. Support Chinese and English touch full keyboard input, convenient for numbers and text editing.
7. Various weighing platform status analysis interface, convenient for eliminate the potential installation dangers and error
8. Support column sensor with angle detection;
9. Multiple authority management for users, scales service and manufacturers
10. Support C, E, K protocol load cells
11. Equipped with electric isolation protects sensors from external equipment electricity leakage. Meanwhile provides strong anti-surge and electrostatic protection for sensor interface.
12. Typesetting function of filling type printing format.

· The main technical parameters:

Digital sensor interface: RS485 mode, the bus can be connected to 75 meters when connected to 12 digital sensors.

Baud rate: 9600/19200 bps;

Digital sensor power supply: DC12V/750mA

Number of digital sensor: 1-16 pcs

Digital sensor communication protocol: C protocol/customized C protocol/E Protocol/customized E Protocol/K Protocol

Display mode: 7inch 800*480 TFT color display with English text

Keyboard: Resistive touch screen

Scale board interface: 20mA current loop output, baud rate 600bps, transmission distance≤100m;

Serial communication interface: Standard RS232 and RS485, baud rate 600-19200 bps

Printer interface: Standard parallel interface for EPSON LQ-300K+ II, EPSON LQ-300K, EPSON LQ-680K, EPSON LQ-730K, EPSON LQ-1600K (+), KX-P1131, KX-P1121, DS-300, DS1900, FP500K LQ-350K and external match with POS58, WH-T2AR10-00ABPB, AB-300K Printer.

Ethernet interface: 10/100Mbps

Data storage: 1000 sets tare weight, 4500 sets latest weighing record, 300 sets latest incomplete weighing records

Indicator Power: AC110-220V, 50-60Hz;

Size: 318*218*100mm

Weight: Around 2.7KG

数字衡器物联网仪表 Digital IoT indicator for trade use D2008-W



<< D2008-W

产品简介:

D2008-W是一款物联网数字静态汽车衡仪表，D2008-WP是带热敏面板微打仪表。

· 特点及基本功能:

1. 标定密码与检定时间管理采用锁机工装表方案。
2. 支持以太网接口、RS232、RS485、并行打印接口和大屏幕接口；
3. 组秤、调秤及应用的人机界面同D2008(H)系列；
4. 物联网PC端和APP端完全与D39-W系列兼容；
5. 支持C型、E型或K型多种协议传感器；
6. 所有外接设备在电气上与传感器隔离，大幅降低外接设备漏电对计量的影响；
7. 具有填充式打印纸的排版功能。
8. 具有电子铅封、开壳检测、传感器和仪表绑定，核对计量相关参数等物联网计量保护功能；
9. 具有远程查看与设置PC通讯参数、以太网通讯参数、存储打印参数等物联网应用类功能。

· 主要技术参数:

数字传感器接口: RS485方式，在接12只数字传感器情况下总线可接至75米，

传输速率: 9600、19200 bps;

数字传感器供电电源: DC12V/750mA

数字传感器连接数量: 1-16个

数字传感器通讯协议: C协议、C定制协议、E协议、E定制协议和K协议

显示方式: 7位0.8inch白色数码管显示

键盘: 24个按键(4*6橡胶按键)

大屏幕接口: 20mA电流环恒流源串行输出，波特率600，传输距离≤100米；

串行通讯接口: 配置标准RS232和RS485，波特率600-19200可选

打印机接口: 配置标准并行打印接口，可配接EPSON LQ-300K+ II、EPSON LQ-300K、EPSON LQ-680K、EPSON LQ-730K、EPSON LQ-1600K (+)、KX-P1131、KX-P1121、得实DS-300、得实DS1900、映美FP560K及映美LQ-350K等宽行打印机及外接POS58机灶煌WH-T2AR10-00ABPB、中崎AB-300K打印机。

以太网接口: 10/100Mbps

数据贮存: 可贮存1000组车号皮重，3500组最新称重记录，300组最新不完整称重记录

仪表电源: 交流110-220V，50-60Hz；

自重: 约3.3公斤

物联网通讯方式: GPRS-----D2008-W
WiFi-----D2008-W(WiFi)
有线以太网--D2008-W(YTW)
W1601--D2008-W(1601)

Introduction

D2008-W (CAN) is a digital static truck scale instrument of the Internet of Things. D2008-WP with a thermal panel micro-printer.

· Features:

1. Calibration password and verification time management adopt machine lock tooling method.
2. Support Ethernet interface, RS232, RS485, parallel printing interface and remote display interface;
3. The man-machine interface of group scale, scale adjustment and application is the same as D2008 (H) series;
4. The PC terminal and APP terminal of the Internet of Things are fully compatible with the D39-W series;
5. Support C/E/K protocols;
6. All external equipment is electrically isolated from the sensor, greatly reducing the impact of external equipment leakage on weighing result;
7. Typesetting function of filling type printing bill.
8. It has the Internet of Things measurement protection functions such as electronic seals, open shell detection, sensor and instrument binding, and verification of measurement related parameters;
9. With remote viewing and setting of PC communication parameters, Ethernet communication parameters, storage and printing parameters and other Internet of Things application functions.

· Technical parameters:

Digital sensor interface: RS485, 12 sensors maximum, length 75m;

Transmit rate: 9600/19200bps;

Digital sensor power supply: DC12V/750mA

Number of digital sensors connected: 1-16pcs

Digital sensor communication protocol: C/E/K and G/C custom protocol

Display mode: 7 bit 0.8inch white digital tube display

Keyboard: 24 keys (4*6 rubber keys)

Large screen interface: 20mA current loop constant current source serial output, baud rate 600bps, transmission distance ≤ 100 meters; standard RS232 and RS485, baud rate 600-19200bps optional

Serial communication interface: standard parallel printing interface, can be connected with EPSON LQ-300K+ II, EPSON LQ-300K, EPSON LQ-680K, EPSON LQ-730K, EPSON LQ-1600K (+), KX-P1131, KX-P1121, Dascom DS-300, Dascom DS1900, Jolimark FP560K and Jolimark LQ-350K wide line printers and external POS58 machine Weihuang WH-T2AR10-00ABPB, Nakazaki AB-300K printer.

Ethernet interface: 10/100Mbps

Data storage: 1000 sets of car number & tare weights, 3500 sets of latest weighing records, 300 latest incomplete weighing records

Instrument power supply: AC 110-220V, 50-60Hz;

Weight: around 3.3 kg

Internet of Things communication method: GPRS -----D2008-W
WiFi -----D2008-W(WiFi)
Wired Ethernet --D2008-W(YTW)
W1601 --D2008-W (CAN); 1601)



<< D2008-W(CAN)

产品简介:

D2008-W(CAN)是一款物联网数字静态汽车衡仪表, D2008-WP(CAN)是带热敏面板微打仪表。

· 特点及基本功能:

1. 标定密码与检定时间管理采用锁机工装表方案。
2. 支持以太网接口、RS232、RS485、并行打印接口和大屏幕接口;
3. 组秤、调秤及应用的人机界面同D2008型(H)系列;
4. 物联网PC端和APP端完全与D39-W系列兼容;
5. 支持CAN或CAN定制型协议传感器, 支持客户二次加密;
6. 所有外接设备在电气上与传感器隔离, 大幅降低外接设备漏电对计量的影响;
7. 具有填充式打印磅的排版功能。
8. 具有电子铅封、开壳检测、传感器和仪表绑定、核对计量相关参数等物联网计量保护功能;
9. 具有远程查看与设置PC通讯参数、以太网通讯参数、存储打印参数等物联网应用类功能。
10. 智能识别单只传感器受力内码无变化;
11. 传感器总线采用比RS485总线更稳定可靠的CAN总线;

· 主要技术参数:

数字传感器接口: 按并联方式接16只传感器, 总线直径为68*4*0.4mm, 长度最长为50m; 如需更长, 请与柯力公司联系

传输速率: 125Kbps;

数字传感器供电电源: DC12V/750mA

数字传感器连接数量: 1-16个

数字传感器通讯协议: CAN协议和CAN定制协议

显示方式: 7位0.8inch白色数码管显示

键盘: 24个按键(4*6橡胶按键)

大屏幕接口: 20mA电流环恒流源串行输出, 波特率600, 传输距离<100米;

串行通讯接口: 配置标准RS232和RS485, 波特率600-19200可选

打印机接口: 配置标准并行打印接口, 可配接EPSON LQ-300K + II, EPSON LQ-300K, EPSON LQ-680K, EPSON LQ-730K, EPSON LQ-1600K (+), KX-P1131, KX-P1121, 得实DS-300, 得实DS1900, 映美FP560K及映美LQ-350K等宽行打印机及外接POS58机械磅WH-T2AR10-00ABPB, 中崎AB-300K打印机。

以太网接口: 10/100Mbps

数据贮存: 可贮存1000组车号皮重, 3500组最新称重记录, 300组最新不完整称重记录

仪表电源: 交流110-220V, 50-60Hz;

自重: 约3.3公斤

物联网通讯方式: GPRS-----D2008-W(CAN)
WIFI-----D2008-W(CAN)(WIFI)
有线以太网---D2008-W(CAN)(YTW)
W1601---D2008-W(CAN)(1601)

Introduction

D2008-W(CAN) is a digital static truck scale instrument of the Internet of Things, D2008-WP(CAN) with a thermal panel micro-printer.

· Features:

1. Calibration password and verification time management adopt machine lock tooling method.
2. Support Ethernet interface, RS232, RS485, parallel printing interface and remote display interface;
3. The man-machine interface of group scale, scale adjustment and application is the same as D2008 (H) series.
4. The PC terminal and APP terminal of the Internet of Things are fully compatible with the D39-W series;
5. Support CAN or CAN custom protocol sensor, support customer secondary encryption;
6. All external equipment is electrically isolated from the sensor, greatly reducing the impact of external equipment leakage on weighing result.
7. Typesetting function of filling type printing bill.
8. It has the Internet of things measurement protection functions such as electronic seals, open shell detection, sensor and instrument binding, and verification of measurement related parameters;
9. With remote viewing and setting of PC communication parameters, Ethernet communication parameters, storage and printing parameters and other Internet of things application functions.
10. Intelligent identification the internal code of the single sensor when no number change with force;
11. The sensor bus uses CAN bus, more stable and reliable than the RS485;

· Technical parameters:

Digital sensor interface: 16 sensors are connected in parallel, the bus diameter is 68*4*0.4mm, and the maximum length is 50m; longer length please contact Keli office before purchase.

Transmission rate: 125Kbps;

Digital sensor power supply: DC12V/750mA

Number of digital sensors connected: 1-16pcs

Digital sensor communication protocol: CAN protocol and CAN custom protocol

Display mode: 7-bit 0.8inch white digital tube display

Keyboard: 24 keys (4*6 rubber keys)

Large screen interface: 20mA current loop constant current source serial output, basic rate 600bps, transmission distance <= 100 meters; standard RS232 and RS485, baud rate 600-19200bps optional

Serial communication interface: standard parallel printing interface, can be connected with EPSON LQ-300K + II, EPSON LQ-300K, EPSON LQ-680K, EPSON LQ-730K, EPSON LQ-1600K (+), KX-P1131, KX-P1121, Dascom DS-300, Dascom DS1900, Jolimark FP560K and Jolimark LQ-350K wide line printers and external PCS58 machine Weihuang WH-T2AR10-00ABPB, Nakazaki AB-300K printer.

Ethernet interface: 10/100Mbps

Data storage: 1000 sets of car number & tare weights, 3500 sets of latest weighing records, 300 latest incomplete weighing records

Instrument power supply: AC 110-220V, 50-60Hz;

Weight: around 3.3 kg

Internet of Things communication method: GPRS ----- D2008-W(CAN)
WIFI ----- D2008-W(CAN)(WIFI)
Wired Ethernet --- D2008-W(CAN)(YTW)
W1601 --- D2008-W(CAN)(1601)



<< D12-W

产品简介:

D12-W是一款物联网数字静态汽车衡仪表, D12-WP是带热敏面板微打仪表。

· 特点及基本功能:

1. 标定密码与检定时间管理采用锁机工装表方案。
2. 支持以太网接口、RS232、RS485、并行打印接口和大屏幕接口;
3. 组秤、调秤及应用的人机界面同D12型(H)系列;
4. 物联网PC端和APP端完全与D39-W系列兼容;
5. 支持C型、E型或K型多种协议传感器;
6. 所有外接设备在电气上与传感器隔离, 大幅降低外接设备漏电对计量的影响;
7. 具有填充式打印磅的排版功能。
8. 具有电子铅封、开壳检测、传感器和仪表绑定、核对计量相关参数等物联网计量保护功能;
9. 具有远程查看与设置PC通讯参数、以太网通讯参数、存储打印参数等物联网应用类功能。

· 主要技术参数:

数字传感器接口: RS485方式, 在接12只数字传感器情况下总线可接至75米。

传输速率: 9600、19200 bps;

数字传感器供电电源: DC12V/750mA

数字传感器连接数量: 1-16个

数字传感器通讯协议: C协议、C定制协议、E协议、E定制协议和K协议

显示方式: 7位0.8inch白色数码管显示

键盘: 24个按键(4*6薄膜按键)

大屏幕接口: 20mA电流环恒流源串行输出, 波特率600, 传输距离<=100米;

串行通讯接口: 配置标准RS232和RS485, 波特率600-19200可选

打印机接口: 配置标准并行打印接口, 可配接EPSON LQ-300K + II, EPSON LQ-300K, EPSON LQ-680K, EPSON LQ-730K, EPSON LQ-1600K (+), KX-P1131, KX-P1121, 得实DS-300, 得实DS1900, 映美FP560K及映美LQ-350K等宽行打印机及外接PCS58机械磅WH-T2AR10-00ABPB, 中崎AB-300K打印机。

以太网接口: 10/100Mbps

数据贮存: 可贮存1000组车号皮重, 3500组最新称重记录, 300组最新不完整称重记录

仪表电源: 交流110-220V, 50-60Hz;

自重: 约1.6公斤

物联网通讯方式: GPRS-----D12-W
WIFI-----D12-W(WIFI)
有线以太网 ---D12-W(YTW)
W1601 ---D12-W(1601)

Introduction

D12-W is a digital static truck scale instrument of the Internet of Things, D12-WP with a thermal panel micro-printer.

· Features:

1. Calibration password and verification time management adopt machine lock tooling method.
2. Support Ethernet interface, RS232, RS485, parallel printing interface and remote display interface;
3. The man-machine interface of group scale, scale adjustment and application is the same as D12 (H) series;
4. The PC terminal and APP terminal of the Internet of Things are fully compatible with the D39-W series;
5. Support C/E/K protocols;
6. All external equipment is electrically isolated from the sensor, greatly reducing the impact of external equipment leakage on weighing result.
7. Typesetting function of filling type printing bill.
8. It has the Internet of things measurement protection functions such as electronic seals, open shell detection, sensor and instrument binding, and verification of measurement related parameters;
9. With remote viewing and setting of PC communication parameters, Ethernet communication parameters, storage and printing parameters and other Internet of things application functions.

· Technical parameters:

Digital sensor interface: RS485, 12 sensors maximum, length 75m;

Transmit rate: 9600/19200bps

Digital sensor power supply: DC12V/750mA

Number of digital sensors connected: 1-16pcs

Digital sensor communication protocol: C/E/K and C/E/K custom protocol

Display mode: 7-bit 0.8inch white digital tube display

Keyboard: 24 keys (4*6 rubber keys)

Large screen interface: 20mA current loop constant current source serial output, basic rate 600bps, transmission distance <= 100 meters;

Serial communication interface: standard RS232 and RS485, baud rate 600-19200bps optional

Printer interface: standard parallel printing interface, can be connected with EPSON LQ-300K + II, EPSON LQ-300K, EPSON LQ-680K, EPSON LQ-730K, EPSON LQ-1600K (+), KX-P1131, KX-P1121, Dascom DS-300, Dascom DS1900, Jolimark FP560K and Jolimark LQ-350K wide line printers and external PCS58 machine Weihuang WH-T2AR10-00ABPB, Nakazaki AB-300K printer.

Ethernet interface: 10/100Mbps

Data storage: 1000 sets of car number & tare weights, 3500 sets of latest weighing records, 300 latest incomplete weighing records

Instrument power supply: AC 110-220V, 50-60Hz;

Weight: around 1.6 kg

Internet of Things communication method: GPRS ----- D12-W
WIFI ----- D12-W(WIFI)
Wired Ethernet --- D12-W(YTW)
W1601 --- D12-W(1601)



<< D12-W(CAN)

产品简介:

D12-W(CAN)是一款物联网数字静态汽车衡仪表, D12-WP(CAN)是带热敏面板微打印仪表。

·特点及基本功能:

1. 标定密码与检定时间管理采用机械工业表方案;
2. 支持以太网接口、RS232、RS485、并行打印接口和大屏幕接口;
3. 组秤、调秤及应用的人机界面同D2006型(H)系列;
4. 物联网PC端和APP端完全与D39-W系列兼容;
5. 支持CAN或CAN定制型协议传感器, 支持客户二次加密;
6. 所有外接设备在电气上与传感器隔离, 大幅降低外接设备漏电流对计量的影响;
7. 具有填充式打印纸的排版功能;
8. 具有电子铅封、开壳检测、传感器和仪表绑定、核对计量相关参数等物联网计量保护功能;
9. 具有远程查看与设置PC通讯参数、以太网通讯参数、存储打印参数等物联网应用类功能;
10. 智能识别单一传感器受力内码无变化;
11. 传感器总线采用比RS485总线更稳定可靠的CAN总线;

·主要技术参数:

数字传感器接口: 按并联方式接16只传感器。总线直径为 $\varnothing 8^*4^*0.4mm$, 长度最长为80m; 如需更长, 请与利华公司联系

传输速率: 125Kbps

数字传感器供电电源: DC12V/750mA

数字传感器连接数量: 1-16个

数字传感器通讯协议: CAN协议和CAN定制协议

显示方式: 7位0.8inch白色数码管显示

键盘: 24个按键(4*6薄膜按键)

大屏幕接口: 20mA电流环恒流源串行输出, 波特率600, 传输距离 $\leq 100m$;

串行通讯接口: 配置标准RS232和RS485, 波特率600-19200可选

打印机接口: 配置标准并行打印接口, 可配接EPSON LQ-300K+ II, EPSON LQ-300K, EPSON LQ-680K, EPSON LQ-730K, EPSON LQ-1600K(+), KX-P1121, KX-P1121, Dacom CS-300, Cascom Ds1900, Jihua FP560K and Jihua LQ-350K wide line printer and external POS58 machine (shuang WH-T2AR10-00ABPB, NAKAZAKI AB-300K printer)

以太网接口: 10/100Mbps

数据贮存: 可贮存1000组车号皮重, 3500组最新称重记录, 300组最新不完整称重记录

仪表电源: 交流110-220V, 50-60Hz;

自重: 约1.5公斤

物联网通讯方式: GPRS -----D12-W(CAN)
WIFI-----D12-W(CAN)(WIFI)
有线以太网 ---D12-W(CAN)(YTW)
W1601---D12-W(CAN)(1601)

Introduction

D12-W(CAN) is a digital static truck scale instrument of the Internet of Things(D12-W(CAN)) with a thermal panel micro-printer.

·Features:

1. Calibration password and verification time management adopt machine tooling method.
2. Support Ethernet interface, RS232, RS485, parallel printing interface and remote display interface.
3. The man-machine interface of group scale, scale adjustment and application is the same as D2006 (H) series.
4. The PC terminal and APP terminal of the Internet of Things are fully compatible with the D39-W series.
5. Support CAN or CAN custom protocol sensor, support customer secondary encryption.
6. All external equipment is electrically isolated from the sensor, greatly reducing the impact of external equipment leakage on weighing result.
7. Typesetting function of filling type printing bill.
8. It has the Internet of Things measurement protection functions such as electronic seals, open shell detection, sensor and instrument binding, and verification of measurement related parameters.
9. With remote viewing and setting of PC communication parameters, Ethernet communication parameters, storage and printing parameters and other Internet of Things application functions.
10. Intelligent identification the internal code of the single sensor when no number change with force.
11. The sensor bus uses CAN bus, more stable and reliable than the RS485.

·Technical parameters:

Digital sensor interface: 16 sensors are connected in parallel, the bus diameter is $\varnothing 8^*4^*0.4mm$, and the maximum length is 80m; longer length please contact Keli office before purchase.

Transmission rate: 125Kbps

Digital sensor power supply: DC12V/750mA

Number of digital sensors connected: 1-16pcs

Digital sensor communication protocol: CAN protocol and CAN custom protocol

Display mode: 7-bit 0.8inch white digital tube display

Keyboard: 24 keys (4*6 rubber keys)

Large screen interface: 20mA current loop constant current source serial output, baud rate 600bps, transmission distance ≤ 100 meters; standard RS232 and RS485, baud rate 600-19200bps optional

Serial communication interface: standard parallel printing interface, can be connected with EPSON LQ-300K+ II, EPSON LQ-300K, EPSON LQ-680K, EPSON LQ-730K, EPSON LQ-1600K(+), KX-P1121, Dacom CS-300, Cascom Ds1900, Jihua FP560K and Jihua LQ-350K wide line printer and external POS58 machine (shuang WH-T2AR10-00ABPB, NAKAZAKI AB-300K printer)

Ethernet interface: 10/100Mbps

Data storage: 1000 sets of car number & tare weights, 3500 sets of latest weighing records, 300 latest incomplete weighing records

Instrument power supply: AC 110-220V, 50-60Hz;

Weight: about 1.5 kg

Internet of Things communication method: GPRS-----D12-W(CAN)
WIFI-----D12-W(CAN)(WIFI)
Wired Ethernet---D12-W(CAN)(YTW)
W1601---D12-W(CAN)(1601)



<< D39-WB+

产品简介:

D39-WB+电子称重仪表是一款物联网感知层仪表, TFT显示和触摸操作, 专门为数字汽车衡设计的称重仪表, 更大程度的发挥出数字化的优势; 将所有调秤过程都以图形文字界面的形式展现在操作人员面前, 使调秤变的直观和高效; 将各种常见错误操作或故障以对话框的形式进行提示, 对话框内详细的说明使排除故障变得简单而准确, 具有显示数据清晰的称重记录存储管理界面, 使称重记录管理变得简单。

·特点及基本功能:

1. 7 inch 800*480的TFT彩色显示;
2. 触摸操作准确性高, 响应速度快, 不需外接键盘辅助操作;
3. 支持以太网接口、RS232、RS485、并行打印接口和大屏幕接口;
4. 多种形象的数字秤调秤界面, 使汽车衡数字化优势得到更好发挥;
5. 仪表异常提示信息清晰, 且还有排除故障说明;
6. 支持中英文触摸全键盘输入, 让数字与文字编辑更方便;
7. 多种方式的秤台状态分析界面, 让排除安装隐患和查问题更方便;
8. 支持带有角度测试的柱式传感器;
9. 具有用户、调秤方和制造商多权限管理;
10. 支持C型、E型和K型多种协议传感器;
11. 所有外接设备在电气上与传感器隔离, 传感器不受外接设备漏电流的影响, 同时仪表的传感器接口具有较强的防浪涌和静电保护;
12. 具有填充式打印纸的排版功能;
13. 具有电子铅封、开壳检测、传感器和仪表绑定、核对计量相关参数等物联网计量保护功能;
14. 具有远程查看与设置PC通讯参数、以太网通讯参数、存储打印参数等物联网应用类功能。

·主要技术参数:

数字传感器接口: RS485方式, 在接12只数字传感器情况下总线可接至75米。

传输速率: 9600、19200 bps;

数字传感器供电电源: DC12V/750mA

数字传感器连接数量: 1-16个

数字传感器通讯协议: C协议、C定制协议、E协议、E定制协议和K协议

显示方式: 7inch 800*480的TFT彩色显示, 中文界面

键盘: 电阻式触摸屏

大屏幕接口: 20mA电流环恒流源串行输出, 波特率600, 传输距离 $\leq 100m$;

串行通讯接口: 配置标准RS232和RS485, 波特率600-19200可选

打印机接口: 配置标准并行打印接口, 可配接EPSON LQ-300K+ II, EPSON LQ-300K, EPSON LQ-680K, EPSON LQ-730K, EPSON LQ-1600K(+), KX-P1121, KX-P1121, Dacom CS-300, Cascom Ds1900, Jihua FP560K and Jihua LQ-350K wide line printer and external POS58 machine (shuang WH-T2AR10-00ABPB, NAKAZAKI AB-300K printer)

以太网接口: 10/100Mbps

数据贮存: 可贮存1000组车号皮重, 3500组最新称重记录, 300组最新不完整称重记录

仪表电源: 交流110-220V, 50-60Hz;

外型: 318*218*100mm

自重: 约2.8公斤

物联网通讯方式: GPRS-----D39-WB+
WIFI-----D39-WB(WIFI)+
有线以太网---D39-WB(YTW)+
W1601---D39-WB(1601)+

Introduction

D39-WB+ is a coliers Internet of things instrument, TFT display supports touch operation, specially designed for the digital truck scale weighing, a greater extent of the digital advantages; all the weighing process in the form of graphical interface during operation, helps intuitive and efficient operation; All kinds of common error operation or failure in the form of dialog prompt which makes trouble clearing simple and accurate; Data weighing record storage management interface greatly simplify the weighing record management.

·Feature & function:

1. 7inch 800*480's 16:1 color display;
2. High accuracy touch operation, fast response, eliminates external keyboard
3. It supports Ethernet interface, RS232, RS485, parallel print interface and remote display interface.
4. Various image instructions of scale adjustment interface, easy for operating
5. Error message with troubleshooting instruction.
6. Support Chinese and English touch full keyboard input, convenient for numbers and text editing
7. Various weighing platform status analysis interface, convenient for eliminate the potential installation dangers and error
8. Support column sensor with angle detection;
9. Multiple authority management for users, scales service and manufacturers
10. Support C, E, K protocol load cells.
11. Equipped with electric isolation protects sensors from external equipment electricity leakage. Meanwhile provide strong anti-surge and electrostatic protection for sensor interface.
12. Typesetting function of filling type printing format.
13. With electronic seal, open shell detection, sensor and instrument binding, check weighing parameters via IoT functions.
14. Remotely view and set PC communication parameters, Ethernet communication parameters, storage and printing parameters and via IoT function.

·Technical parameters:

Digital sensor interface: RS485 mode, the bus can be connected to 75 meters when connected to 12 digital sensors.

Baud rate: 9600/19200 bps;

Digital sensor power supply: DC12V/750mA

Number of digital sensor: 1-16 pcs

Digital sensor communication protocol: C protocol/customized C protocol/E Protocol/customized E Protocol/K Protocol

Display mode: 7inch 800*480 TFT color display with Chinese text

Keyboard: Resistive touch screen

Score board interface: 20mA current loop output, baud rate 600bps, transmission distance $\leq 100m$;

Serial communication interface: Standard RS232 and RS485, baud rate 600-19200 bps

Printer interface: Standard parallel interface for EPSON LQ-300K+ II, EPSON LQ-300K, EPSON LQ-680K, EPSON LQ-730K, EPSON LQ-1600K(+), KX-P1121, KX-P1121, D8-300, DS1900, FP560K LQ-350K and external match with POS58, WH-T2AR10-00ABPB, AB-300K Printer.

Ethernet interface: 10/100Mbps

Data storage: 1000 sets tare weight, 3500 sets latest weighing record, 300 sets latest incomplete weighing records

Indicator Power: AC110-220V, 50-60Hz;

Size: 318*218*100mm

Weight: Around 2.8KG

IoT Communication mode: GPRS-----D39-WB+
WIFI-----D39-WB(WIFI)
Wired Ethernet---D39-WB(YTW)
W1601---D39-WB(1601)



◀ D39-WA+(AC)

产品简介:

D39-WA(AC)电子称重仪表是一款物联网感知层仪表, TFT显示和触摸屏操作, 专门为数字汽车衡设计的称重仪表, 更大程度的发挥出数字化的优势: 将所有调秤过程都以图形文字界面的形式展现在操作人员面前, 使得秤变的直观和高效; 将各种常见错误操作或故障以对话框的形式进行提示, 对对话框内详细的说明使排除故障变得简单而准确; 具有显示数据清晰的称重记录存储管理界面, 使称重记录管理变得简单。

· 特点及基本功能:

1. 7英寸800*480的TFT彩色显示。
2. 触摸操作准确度高, 响应速度快, 不需外接键盘辅助操作;
3. 支持以太网接口, RS232, RS485, 并行打印接口和大屏幕接口;
4. 多种形象的数字秤调秤界面, 使汽车衡数字化优势得到更好发挥;
5. 仪表异常提示信息清晰, 且还有排除故障说明;
6. 支持中英文触摸全键盘输入, 让数字与文字编辑更方便;
7. 多种方式的秤台状态分析界面, 让排除安装隐患和查问题更方便;
8. 支持带有角度测试的柱式传感器;
9. 具有用户、调秤方和制造商多权限管理;
10. 支持C型、E型和K型多种协议传感器;
11. 所有外接设备在电气上与传感器隔离, 传感器不受外接设备漏电流的影响, 同时仪表的传感器接口具有较宽的防浪涌和静电保护。
12. 具有填充式打印纸的排版功能。
13. 具有电子铅封、开壳检测、传感器和仪表绑定、核对计量相关参数等物联网计量保护功能。
14. 具有远程查看与设置PC通讯参数、以太网通讯参数、存储打印参数等物联网应用类功能。

· 主要技术参数:

数字传感器接口: RS485方式, 在接12只数字传感器情况下总线可接至75米, 传输速率: 9600、19200 bps;
 数字传感器供电电源: DC12V/750mA
 数字传感器连接数量: 1~16个
 数字传感器通讯协议: C协议、C定制协议、E协议、E定制协议和K协议
 显示方式: 7英寸800*480的TFT彩色显示, 中文界面
 键盘: 电阻式触摸屏
 大屏幕接口: 20mA电流环恒流源串行输出, 波特率600、19200可选
 打印机接口: 配置标准RS232和RS485, 波特率600~19200可选
 EPSON LQ-300K、EPSON LQ-680K、EPSON LQ-730K、EPSON LQ-1600K (+), KX-P1131、KX-P1121、得实DS-300、得实DS1900、得实FP560K及美LQ-350K等宽行打印机及外接POS58机 烽煌WH-T2AR10-00ABPB, 中崎AB-300K打印机。
 以太网接口: 10/100Mbps
 数据存储: 可贮存1000组车号皮重, 3500组最新称重记录, 300组最新不完整称重记录
 仪表电源: 交流: 220V, 50Hz, 直流: 12V蓄电池;
 外型: 344*248*123mm
 自重: 约3公斤
 物联网通讯方式: GPRS---D39-WA(AC) WiFi---D39-WA(AC)(WiFi)
 有线以太网---D39-WA(AC)(YTW)
 W1601---D39-WA(AC)(1601)

Introduction

D39-WA(AC) is a color internet of things instrument, TFT display supports touch operation specially designed for the digital truck scale weight, a greater extent of the digital advantages: all the weighing process in the form of graphical interface during operation, helps intuitive and efficient operation; All kinds of common error operation or failure in the form of dialog prompts which makes trouble clearing simple and accurate. Data weighing record storage management interface greatly simplify the weighing record management.

· Feature & function:

1. 7inch800*480's TFT color display.
2. High accuracy touch operation, fast response, eliminates external keyboard
3. It supports Ethernet interface, RS232, RS485, parallel print interface and large display interface.
4. Various image instructions of scale adjustment interface easy for operating.
5. Error message with troubleshooting instruction.
6. Support Chinese and English touch full keyboard input, convenient for numbers and text editing.
7. Various weighing platform status analysis interface, convenient for eliminate the potential installation dangers and error.
8. Support column sensor with angle detection.
9. Multiple authority management for users, scales service and manufacturers.
10. Support C, E, K protocol load cells.
11. Equipped with electric isolation protects sensors from external equipment electricity leakage. Meanwhile provide strong anti-surge and electrostatic protection for sensor interface.
12. Typesetting function of filling type printing format.
13. With electronic seal, open shell detection, sensor and instrument binding, check weighing parameters via IoT functions.
14. Remotely view and set PC communication parameters, Ethernet communication parameters, storage and printing parameters and via IoT function.

· Technical parameters:

Digital sensor interface: RS485 mode, the bus can be connected to 75 meters when connected to 12 digital sensors.
 baud rate: 9600/19200 bps;
 Digital sensor power supply: DC12V/750mA
 Number of digital sensor: 1~16 pcs
 Digital sensor communication protocol: C protocol/customized C protocol/E protocol/customized E Protocol/K Protocol
 Display mode: 7inch 800*480 TFT color display with Chinese text.
 Keyboard: Resistive touch screen
 Scale board interface: 20mA current loop output, baud rate 600bps, transmission distance<=100m.
 Serial communication interface: Standard RS232 and RS485, baud rate 600~19200 bps.
 Printer interface: Standard parallel interface for EPSON LQ-300K + II, EPSON LQ-300K, EPSON LQ-680K, EPSON LQ-730K, EPSON LQ-1600K (+), KX-P1131, KX-P1121, DS-300, DS1900, FP560K LQ-350K and external match with PLS58, WH-T2AR10-00ABPB, AD-300K Printer, 12/100Mbps
 Ethernet interface: 10/100Mbps
 Data storage: 1000 sets latest weight, 3500 sets latest weighing record, 300 sets latest incomplete weighing records
 Indicator Power: AC220V, 50Hz;
 Size: 344*248*123mm
 Weight: About 3KG
 IoT communication: GPRS-----D39-WA+(AC) WiFi-----D39-WA+(AC)(WiFi)
 Wired Ethernet---D39-WA+(AC)(YTW)
 W1601-----D39-WA+(AC)(1601)



◀ DK39-W

产品简介:

物联网模拟和数字两用静态汽车衡仪表
 DK39-WEB1(GPRS)(4~20mA)---联网方式GPRS和有模拟信号输出
 DK39-WEB1(GPRS)---联网方式GPRS和无模拟信号输出
 DK39-EB1---仅保留数模两用功能

· 特点及基本功能:

仪表电源: 交流110~220V, 50Hz;
 数字秤模式: 与传感器的通讯距离: 在接12数字传感器情况下总线可接至30米
 传感器供电电源: DC12V~750mA
 传输速率: E和K协议19200 bps, C协议9600bps;
 传感器连接数量: 1~16
 传感器通讯协议: 柯力C、柯力E或柯力K协议
 传感器接口: RS485方式
 模拟秤模式: 传感器供电电源: DC5V
 传感器连接数量: 1~12个350Ω电阻应变式传感器
 误差分配系数: 0.5
 检定分度值最小输入电压: ≥1.5mV/in
 传感器接口: 采用E型或长板自动补偿)补偿距离≤50米
 电路保护: RFI, EMI, ESD, 隔离保护
 串行输出: RS232, RS485, 波特率2400, 4800, 9600, 19200, 38400及115200;
 8 data bits: even, odd, mark, space or none parity
 20mA电流环恒流源串行输出, 传输距离≤100米;
 大屏幕接口: 串口, 如EPSON TM-L29G
 打印机接口: 10/100Mbps
 以太网接口: 0~10V或4~20mA(特定型号才具有)
 模拟信号输出接口: 7英寸800*480的TFT彩色显示
 显示: 电阻式触摸屏
 按键: 1000组车号皮重, 3500组最新称重记录, 300组最新不完整称重记录
 数据存储: 300组最新不完整称重记录
 工作温度: -10℃~40℃
 重量: 5kg
 物联网通讯方式: DK39-WEB1(GPRS)(4~20mA)---GPRS
 DK39-WEB1(GPRS)---GPRS
 DK39-EB1---不支持物联网

· 主要技术参数:

7英寸800*480的TFT彩色显示。
 触摸操作准确度高, 响应速度快, 不需外接键盘辅助操作;
 支持模拟和数字秤模式切换。
 支持以太网接口, RS232, RS485, 打印接口和大屏幕接口;
 多种形象的数字秤调秤界面, 使汽车衡数字化优势得到更好发挥;
 仪表异常提示信息清晰, 且还有排除故障说明;
 支持中英文触摸全键盘输入, 让数字与文字编辑更方便;
 多种方式的数字秤台状态分析界面, 让排除安装隐患和查问题更方便;
 所有外接设备在电气上与传感器隔离, 传感器不受外接设备漏电流的影响, 具有电子铅封、开壳检测、传感器和仪表绑定、远程核对计量相关参数等物联网计量保护功能。
 具有远程查看与设置PC通讯参数、以太网通讯参数、存储打印参数等物联网应用类功能。

Introduction

IoT analog and digital dual-use static truck scale indicator
 DK39-WEB1(GPRS)(4~20mA)---GPRS and analog signal output
 DK39-WEB1(GPRS)---GPRS and no analog signal output
 DK39-EB1---digital & analog dual-use functions

Technical Parameters

Indicator power supply: 110~220V, 50Hz;
 Digital scale mode: Communication distance 30 meters with 12pcs digital load cell
 Load cell power supply: DC12V~750mA
 Transmission rate: E and K protocol 19200 bps, C protocol 9600bps;
 Quantity of load cell connections: 1~16pcs
 Load cell communication protocol: K/E/C protocol
 Load cell port: RS485
 Analog scale mode: Load cell power supply: DC 5V
 Quantity of load cell connections: 1~12pcs 350Ω load cell
 Error distribution coefficient: 0.5
 Verification scale value minimum input voltage: ≥1.5mV/in
 Load cell port: 6-wire type (long-line automatic compensation), compensation distance ≤50 meters
 Circuit protection: RFI, EMI, ESD, Isolation protection
 Serial output: RS232, RS485, Baud rate 2400, 4800, 9600, 19200, 38400 and 115200 bps;
 8 data bits: even, odd, mark, space or none parity
 20mA current loop constant current source serial output, transmission distance≤100 meters;
 Large screen port: Serial port such as EPSON TM-L29E
 Ethernet port: 10/100Mbps
 Analog signal output port: 0~10V or 4~20mA (only for certain models indicator)
 Display: 7inch800*480 T-F-I color display
 button: Resistive touch screen
 Data storage: 1000 sets of car number tare, 3500 sets of the latest weighing record, 300 sets of latest incomplete weighing records
 Operating temperature: -10℃~40℃
 Weight: 5kg
 IoT communication: DK39-WEB1(GPRS)(4~20mA)---GPRS
 DK39-WEB1(GPRS)---GPRS
 DK39-EB1---Does not support

Functions:

7inch800*480's TFT color display of 7inch800*480.
 The touch operation has high accuracy and fast response, and no external keyboard is required for auxiliary operation;
 Supports analog and digital scale mode switching.
 Support Ethernet interface, RS232, RS485, print interface and large screen interface;
 A variety of digital scales and scales interface to make the digital advantages of truck scales better;
 The indicator abnormality prompt information easy to understand with troubleshooting instructions;
 Support English full keyboard touch input, making digital and text editing more convenient;
 Multiple mode digital weighing interface makes it easier to eliminate hidden troubles and check problems during installation.
 All external devices are electrically isolated from the sensor so won't be affected by leakage from external devices.
 IoT measurement protection functions such as electronic lead seal, open shell detection, sensor and meter binding, remote check metering related parameters.
 It has the function of remotely viewing and setting PC communication parameters such as PC communication parameters, Ethernet communication parameters, and storage printing parameters.



<< D39-WB5

产品简介:

D39-WB5电子称重仪表是一款柯力物联网感知层仪表，TFT显示和触摸操作，专门为数字汽车衡设计的称重仪表，更大程度的发挥出数字化的优势；将所有调秤过程都以图形文字界面的形式展现在操作人员面前，使调秤变的直观和高效；将各种常见错误操作或故障以对话框的形式进行提示，对话框内详细的说明使排除故障变得简单而准确；具有显示数据清晰的称重记录存储管理界面，使称重记录管理变得简单。

特点及基本功能:

1. 7inch800*480的TFT彩色显示。
2. 触摸操作准确性高，响应速度快，不需外接键盘辅助操作；
3. 支持以太网接口、RS232、RS485、并行打印接口和大屏幕接口；
4. 多种形象的数字秤调秤界面，使汽车衡数字化优势得到更好发挥；
5. 仪表异常提示信息清晰，且还有排除故障说明；
6. 支持中英文触摸屏全键盘输入，让数字与文字编辑更方便；
7. 多种方式的秤台状态分析界面，让排除安装隐患和直问更方便；
8. 支持带有角度测试的柱式传感器；
9. 具有用户、调秤方和制造商多级权限管理；
10. 支持C型、E型和K型多种协议传感器。
11. 所有外接设备在电气上与传感器隔离，传感器不受外接设备漏电的影响。同时仪表的传感器接口具有较宽的防浪涌和静电保护。
12. 具有填充式打印纸的排版功能。
13. 具有电子铅封、开壳检测、传感器和仪表绑定、核对计量相关参数等物联网计量保护功能。
14. 具有远程查看与设置PC通讯参数、以太网通讯参数、存储打印参数等物联网应用类功能。

主要技术参数:

数字传感器接口: RS485方式, 在接12只数字传感器情况下总线可接至75米, 传输速率: 9600、19200 bps; 数字传感器供电电源: DC12V/750mA 数字传感器连接数量: 1~16个 数字传感器通讯协议: C协议、C定制协议、E协议、E定制协议和K协议 显示方式: 10.2inch 1024*600的TFT彩色显示, 中文界面 键盘: 电阻式触摸屏 大屏幕接口: 20mA电流环恒流源串行输出, 波特率600, 传输距离≤100米; 串行通讯接口: 配置标准RS232和RS485, 波特率600~19200可选 打印机接口: 配置标准并行打印接口, 可配接EPSON LQ-300K+ II, EPSON LQ-300K, EPSON LQ-680K, EPSON LQ-730K, EPSON LQ-1600K (+), KX-P1131, KX-P1121, 得实DS-300, 得实DS1900, 映美FP560K及映美LQ-350K等宽行打印机及外接POS58机外埠WH-T2AR10-00ABPB, 中崎AB-300K打印机。 以太网接口: 10/100Mbps 数据贮存: 可贮存1000组车号皮重, 3500组最新称重记录, 300组最新不完整称重记录 仪表电源: 交流:110~220V, 50~60Hz; 直流: 12V蓄电池 物联网通讯方式: GPRS

Introduction

D39-WB5 is a coliers internet of things instrument, TFT display supports touch operation, specially designed for the digital truck scale weighing, a greater extent of the digital advantages: all the weighing process in the form of graphical interface during operation, helps intuitive and efficient operation; All kinds of common error operation or failure in the form of dialog prompt which makes trouble clearing simple and accurate; Data weighing record storage management interface greatly simplify the weighing record management.

Feature & function:

1. 7inch800*480's TFT color display.
2. High accuracy touch operation, fast response, eliminates external keyboard.
3. It supports Ethernet interface, RS232, RS485, parallel print interface and remote display interface.
4. Various image instructions of scale adjustment interface, easy for operating.
5. Error message with troubleshooting instruction.
6. Support Chinese and English touch full keyboard input, convenient for numbers and text editing.
7. Various weighing platform status analysis interface, convenient for eliminate the potential installation dangers and error.
8. Support column sensor with angle detector.
9. Multiple authority management for users, scales service and manufacturers.
10. Support C, E, K protocol load cells.
11. Equipped with electric isolation protects sensors from external equipment electricity leakage. Meanwhile provide strong anti-surge and electrostatic protection for sensor interface.
12. Typesetting function of filling type printing format.
13. With electronic seal, open shell detection, sensor and instrument binding, check weighing parameters via IoT functions.
14. Remote view and set PC communication parameters, Ethernet communication parameters, storage and printing parameters and via IoT function.

Technical parameters:

Digital sensor interface: RS485 mode, the bus can be connected to 75 meters when connected to 12 digital sensors. Baud rate: 9600/19200 bps; Digital sensor power supply: DC12V/750mA; Number of digital sensor: 1~16 pcs; Digital sensor communication protocol: C protocol/customized C protocol/E Protocol/customized E Protocol/K Protocol; Display mode: 7inch 800*480 TFT color display with Chinese text; Keyboard: Resistive touch screen; Scale board interface: 20mA current loop output, baud rate 600bps, transmission distance ≤ 100m; Serial communication interface: Standard RS232 and RS485, baud rate 600~19200 bps; Printer interface: Standard parallel interface for EPSON LQ-300K+ II, EPSON LQ-300K, EPSON LQ-680K, EPSON LQ-730K, EPSON LQ-1600K (+), KX-P1131, KX-P1121, DS-300, DS1900, FP560K LQ-350K and external match with POS58, WH-T2AR10-00ABPB, AD-300K Printer; Ethernet interface: 10/100Mbps; Data storage: 1000 sets late weight, 3500 sets latest weighing record, 300 sets latest incomplete weighing records; Indicator Power: AC110~220V, 50~60Hz; DC 12V battery; IoT Communication: GPRS



<< D39-WA5

产品简介:

D39-WA5电子称重仪表是一款柯力物联网感知层仪表，TFT显示和触摸操作，专门为数字汽车衡设计的称重仪表，更大程度的发挥出数字化的优势；将所有调秤过程都以图形文字界面的形式展现在操作人员面前，使调秤变的直观和高效；将各种常见错误操作或故障以对话框的形式进行提示，对话框内详细的说明使排除故障变得简单而准确；具有显示数据清晰的称重记录存储管理界面，使称重记录管理变得简单。

特点及基本功能:

1. 10.2inch1024*600的TFT彩色显示。
2. 触摸操作准确性高，响应速度快，不需外接键盘辅助操作；
3. 支持以太网接口、RS232、RS485、并行打印接口和大屏幕接口；
4. 多种形象的数字秤调秤界面，使汽车衡数字化优势得到更好发挥；
5. 仪表异常提示信息清晰，且还有排除故障说明；
6. 支持中英文触摸屏全键盘输入，让数字与文字编辑更方便；
7. 多种方式的秤台状态分析界面，让排除安装隐患和直问更方便；
8. 支持带有角度测试的柱式传感器；
9. 具有用户、调秤方和制造商多级权限管理；
10. 支持C型、E型和K型多种协议传感器。
11. 所有外接设备在电气上与传感器隔离，传感器不受外接设备漏电的影响。同时仪表的传感器接口具有较宽的防浪涌和静电保护。
12. 具有填充式打印纸的排版功能。
13. 具有电子铅封、开壳检测、传感器和仪表绑定、核对计量相关参数等物联网计量保护功能。
14. 具有远程查看与设置PC通讯参数、以太网通讯参数、存储打印参数等物联网应用类功能。

主要技术参数:

数字传感器接口: RS485方式, 在接12只数字传感器情况下总线可接至75米, 传输速率: 9600、19200 bps; 数字传感器供电电源: DC12V/750mA 数字传感器连接数量: 1~16个 数字传感器通讯协议: C协议、C定制协议、E协议、E定制协议和K协议 显示方式: 10.2inch 1024*600的TFT彩色显示, 中文界面 键盘: 电阻式触摸屏 大屏幕接口: 20mA电流环恒流源串行输出, 波特率600, 传输距离≤100米; 串行通讯接口: 配置标准RS232和RS485, 波特率600~19200可选 打印机接口: 配置标准并行打印接口, 可配接EPSON LQ-300K+ II, EPSON LQ-300K, EPSON LQ-680K, EPSON LQ-730K, EPSON LQ-1600K (+), KX-P1131, KX-P1121, 得实DS-300, 得实DS1900, 映美FP560K及映美LQ-350K等宽行打印机及外接POS58机外埠WH-T2AR10-00ABPB, 中崎AB-300K打印机。 以太网接口: 10/100Mbps 数据贮存: 可贮存1000组车号皮重, 3500组最新称重记录, 300组最新不完整称重记录 仪表电源: 交流:110~220V, 50~60Hz; 直流: 12V蓄电池 物联网通讯方式: GPRS

Introduction

D39-WA5 is a coliers internet of things instrument, TFT display supports touch operation, specially designed for the digital truck scale weighing, a greater extent of the digital advantages: all the weighing process in the form of graphical interface during operation, helps intuitive and efficient operation; All kinds of common error operation or failure in the form of dialog prompt which makes trouble clearing simple and accurate; Data weighing record storage management interface greatly simplify the weighing record management.

Feature & function:

1. 10.2inch1024*600's TFT color display.
2. High accuracy touch operation, fast response, eliminates external keyboard.
3. It supports Ethernet interface, RS232, RS485, parallel print interface and remote display interface.
4. Various image instructions of scale adjustment interface, easy for operating.
5. Error message with troubleshooting instruction.
6. Support Chinese and English touch full keyboard input, convenient for numbers and text editing.
7. Various weighing platform status analysis interface, convenient for eliminate the potential installation dangers and error.
8. Support column sensor with angle detector.
9. Multiple authority management for users, scales service and manufacturers.
10. Support C, E, K protocol load cells.
11. Equipped with electric isolation protects sensors from external equipment electricity leakage. Meanwhile provide strong anti-surge and electrostatic protection for sensor interface.
12. Typesetting function of filling type printing format.
13. With electronic seal, open shell detection, sensor and instrument binding, check weighing parameters via IoT functions.
14. Remote view and set PC communication parameters, Ethernet communication parameters, storage and printing parameters and via IoT function.

Technical parameters:

Digital sensor interface: RS485 mode, the bus can be connected to 75 meters when connected to 12 digital sensors. Baud rate: 9600/19200 bps; Digital sensor power supply: DC12V/750mA; Number of digital sensor: 1~16 pcs; Digital sensor communication protocol: C protocol/customized C protocol/E Protocol/customized E Protocol/K Protocol; Display mode: 10inch 800*480 TFT color display with Chinese text; Keyboard: Resistive touch screen; Scale board interface: 20mA current loop output, baud rate 600bps, transmission distance ≤ 100m; Serial communication interface: Standard RS232 and RS485, baud rate 600~19200 bps; Printer interface: Standard parallel interface for EPSON LQ-300K+ II, EPSON LQ-300K, EPSON LQ-680K, EPSON LQ-730K, EPSON LQ-1600K (+), KX-P1131, KX-P1121, DS-300, DS1900, FP560K LQ-350K and external match with POS58, WH-T2AR10-00ABPB, AD-300K Printer; Ethernet interface: 10/100Mbps; Data storage: 1000 sets late weight, 3500 sets latest weighing record, 300 sets latest incomplete weighing records; Indicator Power: AC110~220V, 50~60Hz; DC 12V battery; IoT Communication: GPRS



<< D39-WE

产品简介:

D39-WE电子称重仪表是一款物联网感知层仪表，TFT显示和触摸操作，专门为数字汽车衡设计的称重仪表，更大程度的发挥出数字化的优势；将所有调秤过程都以图形文字界面的形式展现在操作人员面前，使调秤变的直观和高效；将各种常见错误操作或故障以对话框的形式进行提示，对对话框内详细的说明使排除故障变得简单而准确；具有显示数据清晰的称重记录存储管理界面，使称重记录管理变得简单。

- 特点及基本功能:**
1. 7inch800*480的TFT彩色显示。
 2. 触摸操作准确度高，响应速度快，不需外接键盘辅助操作。
 3. 支持以太网接口、RS232、RS485、并行打印接口和大屏幕接口。
 4. 多种形象的数字调秤界面，使汽车衡数字化优势得到更好发挥。
 5. 仪表异常提示信息清晰，且还有排除故障说明。
 6. 支持中英文触摸全键盘输入，让数字与文字编辑更方便。
 7. 多种方式的秤台状态分析界面，让排除安装隐患和查问题更方便。
 8. 支持带有角度测试的柱式传感器。
 9. 具有用户、调秤方和制造商多权限管理。
 10. 支持C型、E型和K型多种协议传感器。
 11. 所有外接设备在电气上与传感器隔离，传感器不受外接设备漏电的影响。同时仪表的传感器接口具有较强的防浪涌和静电保护。
 12. 具有填充式打印纸的排版功能。
 13. 具有电子铅封、开壳检测、传感器和仪表锁定、核对计量相关参数等物联网计量保护功能。
 14. 具有远程查看与设置PC通讯参数，以太网通讯参数、存储打印参数等物联网应用功能。

- 主要技术参数:**
- 数字传感器接口: RS485方式，在接12只数字传感器情况下总线可接至75米。
- 传输速率: 9600、19200 bps;
- 数字传感器供电电源: DC12V/750mA
- 数字传感器连接数量: 1~10个
- 数字传感器通讯协议: C协议、C定制协议、E协议、E定制协议和K协议
- 显示方式: 7inch800*480的TFT彩色显示，英文界面
- 键盘: 电阻式触摸屏
- 大屏幕接口: 20mA电流环恒流源串行输出，波特率600，传输距离<100米;
- 串行通讯接口: 配置标准RS232和RS485，波特率600-19200可选
- 打印机接口: 配置标准并行打印接口，可配接EPSON LQ-300K + II、EPSON LQ-300K、EPSON LQ-680K、EPSON LQ-730K、EPSON LQ-1600K (+)、KX-P1131、KX-P1121、得实DS-300、得实DS1900、映美FP560K及映美LQ-350K等并行打印机及外接POS58热蜡WH-T24R10-00ABPB、中崎AB-300K打印机。
- 以太网接口: 10/100Mbps
- 数据贮存: 可贮存1000组车号皮重，3500组最新称重记录，300组最新不完整称重记录
- 仪表电源: 交流110~220V，50~60Hz;
- 外型: 318*218*100mm
- 自重: 约2.8公斤
- 物联网通讯方式: GPRS---D39-WE WIFI---D39-WE(WIFI) 有线以太网---D39-WE(YTW)

Introduction

D39-WE is a coliers Internet of things instrument, TFT display supports touch operation, specially designed for the digital truck scale weighing, a greater extent of the digital advantages of the weighing process in the form of graphical interface during operation, so that the scale becomes intuitive and efficient. All kinds of common error operation or failure in the form of rising prompt which makes trouble clearing simple and accurate. Data weighing record storage management interface greatly simplify the weighing record management.

- Features & function:**
1. 7inch800*480's TFT color display.
 2. High accuracy touch operation, fast response, eliminates external keyboard.
 3. It supports Ethernet interface, RS232, RS485, parallel print interface and remote display interface.
 4. Various image instructions of scale adjustment interface, easy for operating.
 5. Error message with troubleshooting instruction.
 6. Support Chinese and English touch full keyboard input, convenient for numbers and text editing.
 7. Various weighing platform status analysis interface, convenient for eliminate the potential installation dangers and error.
 8. Support column sensor with angle detection.
 9. Multiple authority management for users, scales service and manufacturers.
 10. Support C、E、K protocol load cells.
 11. Equipped with electric isolation protects sensors from external equipment electricity leakage. Meanwhile provide strong anti-surge and electrostatic protection for sensor interface.
 12. Typesetting function of filling type printing format.
 13. With electronic seal, open shell detection, sensor and instrument binding, check weighing parameters via IoT functions.
 14. Remotely view and set PC communication parameters, Ethernet communication parameters, storage and printing parameters and via IoT function.

- Technical parameters:**
- Digital sensor interface: RS485 mode, the bus can be connected to 75 meters when use cable to 12 digital sensors.
- Baud rate: 9600/19200 bps;
- Digital sensor power supply: DC12V/750mA
- Number of digital sensor: 1~10 pcs
- Digital sensor communication protocol: C protocol/C customizd C protocol/E Protocol/customizd E Protocol/K Protocol
- Display mode: 7inch 800*480 TFT color display with English text
- Keyboard: Resistive touch screen
- Scale board interface: 20mA current loop output, baud rate 600bps, transmission distance<= 100m;
- Serial communication interface: Standard RS232 and RS485, baud rate 600-19200 bps
- Printer interface: Standard parallel interface for EPSON LQ-300K + II、EPSON LQ-300K、EPSON LQ-680K、EPSON LQ-730K、EPSON LQ-1600K (+)、KX-P1131、KX-P1121、DS-300、TS1900、FP560K (LQ-350K and external match with POS58、WH-T24R10-00ABPB、AB-300K Printer、10/100Mbps
- Ethernet interface: 1000 sets last weight, 3500 sets latest weighing record, 300 sets latest incomplete weighing records
- Data storage: AC110~220V, 50~60Hz;
- Indicator Power: 318*218*100mm
- Size: Around 2.8KG
- Weight: GPRS---D39-WE WIFI---D39-WE(WIFI) Wired Ethernet---D39-WE(YTW)



<< D39-WB(CAN)

产品简介:

- 一、特点**
1. 7inch800*480的TFT彩色显示，显示变得更精彩；
 2. 响应快速而准确的触摸屏操作；
 3. 每项功能都有图文并茂的说明和错误提示；
 4. 多种形象的数字调秤界面，使汽车衡数字化优势得到更好发挥；
 5. 多种方式的秤台状态分析界面，让排除安装隐患和查问题更方便；
 6. 支持中英文触摸全键盘输入，再加上车号和货号快捷输入法，使过磅信息输入更方便；
 7. 支持检测信息更多物联网CAN型协议；
 8. 传感器与外接设备采用电气隔离保护设计，提高系统的长期稳定和可靠性；
 9. 支持查看每只传感器更多的检测信息，如内部温湿度、负载及超载等信息；
 10. 记忆车号和称重记录专用管理功能，更方便得对大数据的管理；
 11. 支持物联网功能，让客户随时随地地了解秤台的状态信息；
 12. 传感器总线采用比RS485总线更稳定可靠的CAN总线。

- 二、功能**
1. 具有单个地址与压角自动分配地址功能；
 2. 具有手动单个角度调整、自动角度调整及自动校准功能；
 3. 具有多条件查询删除称重记录管理功能，支持补充打印当前查询的称重记录；
 4. 具有用户、调秤方和制造商多权限管理；
 5. 具有填充式打印纸的排版功能。
 6. 通过RS232/RS485、以太网或物联网系统查询秤台与传感器的状态；
 7. 秤台超载记录查询；
 8. 秤台参数备份还原和多种初始化功能；
 9. 通过开壳检测、电子铅封、定制版本的动态加密数传协议和秤台系统绑定功能等，及配合物联网的异常保护操作功能，提高秤台的防作弊性能；
 10. 仪表可支持断网缓存称重记录功能，待恢复物联网网络后自动上传至服务器。
 11. 支持通过物联网系统远程修改不影响计量的参数，如打印、PC通讯等。

- 三、接口**
1. 大屏幕接口(RS232与20mA电流环)
 2. 以太网接口(10/100Mbps自适应)
 3. PC通讯接口(RS232与RS485接口，支持modbus协议)
 4. 并行接口(接并行打印机)
 5. 数字传感器接口(CAN总线与协议的数字传感器)
 6. 交流供电(开关电源110-220V,50-60HZ 变压器 220V,50HZ)

Introduction

- 1. Features**
1. 7inch 800*480's TFT color display;
 2. Fast response and accurate touch screen operation;
 3. Each function has a detailed graphic and text description and error tips;
 4. Various image instructions of scale adjustment interface, easy for operating;
 5. Various weighing platform status analysis interface, convenient for eliminate the potential installation dangers and error;
 6. Support Chinese and English touch full keyboard input, convenient for numbers and text editing;
 7. Support the IoT CAN protocol;
 8. Sensors and external equipment electrical isolation protection, improve the long-term stability and reliability of the system;
 9. Support to see each sensor information such as internal temperature and humidity, load and overload and other information;
 10. Vehicle number memory and weighing record management, convenient to the management of big data;
 11. Support the Internet of things function. Anytime, anywhere to check the status of the scale table information;
 12. Sensor bus adopts CAN bus which is more stable and reliable than RS485 bus.

- 2. Function**
1. Single address and automatic address distribution address when press scale corner;
 2. Manual angle deviation adjustment by weight, automatic angle deviation adjustment and automatic zero angle deviation adjustment;
 3. Multiple condition query, delete the weighing records reprint the current query weighing records;
 4. Multiple authority management for users, scales service and manufacturers;
 5. Typesetting function of filling type printing format and customize format function;
 6. Through the RS232/RS485, Ethernet or Internet of things system to query the status of the scale and sensor;
 7. Weighing overload record query;
 8. Scale parameters backup and restore and initialization functions;
 9. Excellent anti-cheating performance through case-open detection, electronic seal, customize dynamic encryption digital sensor and scale system binding, the Internet of things abnormal protection operation function;
 10. Disconnection cache weighing recording automatic upload to the server, then can restore via internet of things network;
 11. Remotely set parameters that not affect weighing such as printing and PC communication.

- 3. Interface**
1. Remote display interface (RS232 and 20mA current loop)
 2. Ethernet interface (10/100Mbps adaptive)
 3. PC communication interface (RS232 and RS485 interface, support modbus protocol)
 4. Parallel interface (connect to parallel printer)
 5. Digital sensor interface (CAN bus and protocol digital sensor)
 6. AC power supply (switching power supply 110-220VAC, 50-60Hz and 220V transformer)



◀ D39-WB4(CAN)

产品简介:

- 一、特点
- 10.2inch 1024*600的TFT彩色显示, 大屏显示;
 - 响应快速而准确的触摸屏操作;
 - 每项功能都有图文并茂的说明和错误提示;
 - 多种形象的数字秤调秤界面, 使汽车衡数字化优势得到更好发挥;
 - 多种方式的秤台状态分析界面, 让排除安全隐患和查问题更方便;
 - 支持中英文触摸全键盘输入, 再加上车牌号和货号快捷输入, 使过磅信息输入更方便;
 - 支持检测信息更多物联网CAN型协议;
 - 传感器与外接设备采用电气隔离保护设计, 提高系统的长期稳定和可靠性;
 - 支持查看每只传感器更多的检测信息, 如内部温度、负载及超载等信息;
 - 记忆车号和称重记录专用管理功能, 更方便得对大数据的管理;
 - 支持物联网功能, 让客户随时随地了解秤台的状态信息;
 - 传感器总线采用比RS485总线更稳定可靠的CAN总线。

- 二、功能
- 具有单个地址与角差自动分配地址功能;
 - 具有手动单个角差调角、自动角差调角及自动抽角功能;
 - 具有多条件查询删除称重记录管理功能, 支持补充打印当前查询的称重记录;
 - 具有用户、调秤方和制造商多权限管理;
 - 具有填充式打印磅的排版功能, 并升级自定义排版功能;
 - 通过RS232/RS485、以太网或物联网系统查询秤台与传感器的状态;
 - 秤台超载记录查询;
 - 通过开关检测、电子铅封、定制版本的动态加密数据协议和秤台系统绑定功能等, 及配套物联网的异常保护操作功能, 提高秤台的防作弊性能;
 - 仪表可支持断网缓存称重记录功能, 待恢复物联网网络后自动上传至服务器;
 - 支持通过物联网系统远程修改不影响计量的参数, 如打印、PC通讯等;
 - 称重记录新增备注栏, 首次过磅时间(物联网终端软件可以查询)。
 - 增加动物秤模式的功能。

- 三、接口
- 大屏幕接口(RS232与20mA电流环)
 - 以太网接口(10/100Mbps自适应)
 - PC通讯接口(RS232与RS485接口, 支持modbus协议)
 - 并行接口(接并行打印机)
 - 数字传感器接口(CAN总线与协议的数字传感器)
 - 交直流供电(开关电源110-220VAC, 50-60Hz和12V蓄电池供电)

Introduction

- 1.Features
- 10.2inch 1024*600 TFT color display;
 - Fast response and accurate touch screen operation;
 - Each function has a detailed graphic and text description and error tips;
 - Various image instructions of scale adjustment interface, easy for operating;
 - Various weighing platform status analysis interface, convenient for eliminate the potential installation dangers and error;
 - Support Chinese and English touch full keyboard input, convenient for numbers and text editing;
 - Support the IoT CAN protocol;
 - Sensors and external equipment electrical isolation protection, improve the long-term stability and reliability of the system;
 - Support to see each sensor information such as internal temperature and humidity, load and overload and other information;
 - Vehicle number memory and weighing record management, convenient to the management of big data;
 - Support the Internet of things function.Anytime, anywhere to check the status of the scale table information;
 - Sensor bus adopts CAN bus which is more stable and reliable than RS485 bus.
- 2.Function
- Single address and automatic address distribution address when press scale corner;
 - Manual angle deviation adjustment by weight, automatic angle deviation adjustment and automatic axis angle deviation adjustment;
 - Multiple condition query, delete the weighing records, reprint the current query weighing records;
 - Multiple authority management for users, scales service and manufacturers;
 - Typesetting function of filing type or filing format and customize format function;
 - Through the RS232/RS485, Ethernet or Internet of things system to query the status of the scale and sensor;
 - weighing over-load record query;
 - Excellent anti-cheating performance through case-open detector, electronic seal, customize dynamic encryption digital protocol and scale system binding, the Internet of things abnormal protection operation function;
 - Overnetwork cache weighing recording is format upload to the server then can restore via Internet of things network;
 - Remotely set parameters that not effect weighing such as printing and PC communication;
 - Weighting records with remarks, the first weighing time (for client IoT terminal software can be queried);
 - Animal scale mode.
- 3.Interface
- Remote display interface (RS232 and 20mA current loop)
 - Ethernet interface (10/100Mbps adaptive)
 - PC communication interface (RS232 and RS485 interface, support modbus protocol)
 - Parallel interface (connect to parallel printer)
 - Digital sensor interface (CAN bus and protocol digital sensor)
 - AC and DC power supply (switching power supply 110-220VAC, 50-60Hz and 12V battery power supply)



◀ D39-WB(1601)(DWL)

产品简介:

D39-WB(1601)(DWL)电子称重仪表是一款物联网感知层仪表, TFT显示和触摸屏操作, 专门为多物理量数字汽车衡设计的称重仪表, 更大程度的发挥出数字化的优势; 将所有调秤过程都以图形文字界面的形式展现在操作人员面前, 使调秤变的直观和高效; 将各种常见错误操作或故障以对话框的形式进行提示, 对话框内详细的说明使排除故障变得简单而准确; 具有显示数据清晰的称重记录存储管理界面, 使称重记录管理变得简单。

- 特点及基本功能:
- 7inch 800*480的TFT彩色显示;
 - 触摸屏操作准确性高, 响应速度快, 不需外接键盘辅助操作;
 - 支持以太网接口、RS232、RS485, 并行打印接口和大屏幕接口;
 - 多种形象的数字秤调秤界面, 使汽车衡数字化优势得到更好发挥;
 - 仪表异常提示信息清晰, 且还有详细故障说明;
 - 支持中英文触摸全键盘输入, 让数字与文字编辑更方便;
 - 多种方式的秤台状态分析界面, 让排除安全隐患和查问题更方便;
 - 支持带有角度测试的柱式传感器;
 - 具有用户、调秤方和制造商多权限管理;
 - 支持C型、E型和K型多种协议传感器;
 - 所有外接设备在电气上与传感器隔离, 传感器不受外接设备漏电的影响, 同时仪表的传感器接口具有较强的防浪涌和静电保护;
 - 具有填充式打印磅的排版功能;
 - 具有电子铅封、仪表开关检测、传感器开关检测、传感器温度检测、传感器电流检测、传感器AI检测、传感器超载信息检测、系统绑定、核对计量相关参数等物联网计量保护功能;
 - 具有远程查看与设置PC通讯参数、以太网通讯参数、存储打印参数等物联网应用类功能。

- 主要技术参数:
- 数字传感器接口: RS485方式, 在接12只数字传感器情况下总线可接至75米,
- 传输速率: 9600、19200 bps;
- 数字传感器供电电源: DC12V/750mA
- 数字传感器连接数量: 1-16个
- 数字传感器通讯协议: C协议、C定制协议、E协议、E定制协议和K协议
- 显示方式: 7inch 800*480的TFT彩色显示, 中文界面
- 键盘: 电阻式触摸屏
- 大屏幕接口: 20mA电流环恒流源串行输出, 波特率600, 传输距离≤100米;
- 串行通讯接口: 配置标准RS232和RS485, 波特率800-19200可选
- 打印机接口: 配置标准并行打印接口, 可配接EPSON LQ-300K + II, EPSON LQ-300K, EPSON LQ-680K, EPSON LQ-730K, EPSON LQ-1600K I + II, KX-P1131, KX-P1121, DS-300, DS1900, FP560K LQ-350K and extema match with POS58, WH-T2AR16-05ABPB, AD-300K Printer;
- 以太网接口: 10/100Mbps
- 数据贮存: ---
- 仪表电源: 交流110-220V, 50-60Hz;
- 外型: 318*218*100mm
- 自重: 约2.8公斤
- 物联网通讯方式: W1601 [注: PC端需要选择W1701模式]

Introduction

D39-WB(1601)(DWL) is a coliers Internet of things instrument, TFT display supports touch operation, specially designed for the digital truck scale weighing, a greater extent of the digital advantages, all the weighing process in the form of graphics interface during operation, helps intuitive and efficient operation; All kind of common error operation or failure in the form of dialog prompt which makes trouble clearing simple and accurate; Data weighing record storage management interface greatly simplify the weighing record management

- Feature & function:
- 7inch 800*480's TFT color display;
 - High accuracy touch operation, fast response, eliminates external keyboard
 - It supports Ethernet interface, RS232, RS485, parallel print interface and remote display interface;
 - Various image instructions of scale adjustment interface, easy for operating;
 - Error message with troubleshooting instruction;
 - Support Chinese and English touch full keyboard input, convenient for numbers and text editing;
 - Various weighing platform status analysis interface, convenient for eliminate the potential installation dangers and error;
 - Support column sensor with angle direction;
 - Multiple authority management for users, scales service and manufacturers;
 - Support C & K protocol load cells;
 - Equipped with electric isolation protects sensors from external equipment electricity leakage. Meanwhile provide strong anti-surge and electrostatic protection for sensor interface;
 - Typesetting function of filing type printing format;
 - With electronic seal, open shell detector, sensor and instrument binding, check weighing parameters via IoT functions;
 - Remotely view and set PC communication parameters, Ethernet communication parameters, storage and printing parameters and via IoT function;

- Technical parameters:
- Digital sensor interface: RS485 mode, the bus can be connected to 75 meters when connected to 12 digital sensors.
- Baud rate: 9600/19200 bps;
- Digital sensor power supply: DC12V/750mA
- Number of digital sensor: 1-16 pcs
- Digital sensor communication protocol: C protocol/customized C protocol/E Protocol/customized E Protocol/K Protocol
- Display mode: 7inch 800*480 TFT color display with Chinese text
- Keyboard: Resistive touch screen
- Scale board interface: 20mA current loop output, baud rate 600bps, transmission distance≤100m;
- Serial communication interface: Standard RS232 and RS485, baud rate 600-19200 bps
- Printer interface: Standard parallel interface for EPSON LQ-300K + II, EPSON LQ-300K, EPSON LQ-680K, EPSON LQ-730K, EPSON LQ-1600K I + II, KX-P1131, KX-P1121, DS-300, DS1900, FP560K LQ-350K and extema match with POS58, WH-T2AR16-05ABPB, AD-300K Printer;
- Ethernet interface: 10/100Mbps
- Data storage: 1000 sets latest weight, 3500 sets latest weighing record, 300 sets latest incomplete weighing records
- Indicator Power: AC 110-220V, 50-60Hz;
- Size: 318*218*100mm
- Weight: Around 2.8KG
- IoT Communication: W1601(W1701 for PC version)



« D39-WB1(VB)

产品简介:

D39-WB1(VB)电子称重仪表是一款具有语音输出的柯力物联网感知类仪表。TFT显示和触摸操作，专门为数字汽车衡设计的称重仪表，更大程度的发挥出数字化的优势；将所有调秤过程都以图形文字界面的形式展现在操作人员面前，使调秤变的直观和高效；将各种常见错误操作或故障以对话框的形式进行提示，对话框内详细的说明使排除故障变得简单而准确；具有显示数据清晰的称重记录存储管理界面，使称重记录管理变得简单。

特点及基本功能:

- 7英寸800*480的11.1彩色显示。
- 触摸操作准确性高，响应速度快，不需外接键盘辅助操作；
- 支持以太网接口、RS232、RS485、并行打印接口和大屏幕接口；
- 多种形象的数字秤量界面，使汽车衡数字化优势得到更好发挥；
- 仪表异常提示信息清晰，且还有排除故障说明；
- 支持中英文触摸全键盘输入，让数字与文字编辑更方便；
- 多种方式的秤台状态分析界面，让排除安装隐患和查问题更方便；
- 支持带有角度识别的柱式传感器；
- 具有用户、调秤方和制造方多级权限管理；
- 支持C型、E型和K型多种协议传感器。
- 所有外接设备在电气上与传感器隔离，传感器不受外接设备漏电流的影响。同时仪表的传感器接口具有较强的防浪涌和静电保护。
- 具有喷式打印嘴的排版功能。
- 具有电子铅封、开壳检测、传感器和仪表绑定、核对计量相关参数等物联网计量保护功能。
- 具有远程查看与设置PC通讯参数、以太网通讯参数、存储打印参数等物联网应用类功能。
- 支持4种常用语音输出和2种可编辑语音输出，方便司磅员过磅过程的指挥。

主要技术参数:

数字传感器接口: RS485方式。在接12只数字传感器情况下总线可接至75米。

传输速率: 9600、19200 bps;

数字传感器供电电源: DC12V/750mA

数字传感器连接数量: 1~16个

数字传感器通讯协议: C协议、C定制协议、E协议、E定制协议和K协议

显示方式: 7英寸800*480的TFT彩色显示，中文界面

键盘: 电阻式触摸屏

大屏幕接口: 20mA电流环流源串行输出，波特率600，传输距离≤100米；

串行通讯接口: 配置标准RS232和RS485，波特率600~19200可选

打印机接口: 配置标准并行打印接口，可配接EPSON LQ-300K + II、EPSON LQ-300K、EPSON LQ-680K、EPSON LQ-730K、EPSON LQ-1600K (+)、KX-P1131、KX-P1121、DS-300、DS1900、FP560K及映美LQ-350K等宽行打印机及外接PCSS58机头增WH-T2AR10-00ABPB、中端AB-300K打印机。

以太网接口: 10/100Mbps

数据贮存: 可贮存1000组车号皮重，3500组最新称重记录，300组最新不完整称重记录

仪表电源: 交流110~220V，50~60Hz；

自重: 约3.3公斤

物联网通讯方式: GPRS

Introduction

D39-WB1(VB) is a Collins Internet of things instrument with voice output. TFT display supports touch operation, specially designed for the digital truck scale weighing, a greater extent of the digital advantages. all the weighing process in the form of graphical interface during operation, helps intuitive and efficient operators. All kinds of common error operation or failure in the form of dialog prompt which makes trouble clearing simple and accurate. Data weighing record storage management interface greatly simplify the weighing record management.

Feature & function:

- 7inch800*480" TFT color display.
- High accuracy touch operation, fast response, eliminates external keyboard
- It supports Ethernet interface, RS232, RS485, parallel print interface and remote display interface.
- Various image instructions of scale adjustment interface, easy for operating.
- Error message with troubleshooting instruction
- Support Chinese and English touch full keyboard input, convenient for numbers and text editing.
- Various weighing platform status analysis interface, convenient for eliminate the potential installation dangers and error
- Support column sensor with angle detection;
- Multiple authority management for users, scales service and manufacturers.
- Support C, E, K protocol load cells.
- Equipped with electric isolation protects sensors from external equipment, electricity leakage. Meanwhile provide strong anti-surge and electrostatic protection for sensor interface.
- Type-setting function of filling type printing format.
- With an electronic seal, open shell detection, sensor and instrument binding, check weighing parameters via IoT functions.
- Remotely view and set PC communication parameters, Ethernet communication parameters, storage and printing parameters and via IoT function.
- Supports 4 common voice outputs and 2 editable voice outputs to facilitate operation of weigh process

Technical parameters:

Digital sensor interface: RS485 mode, the bus can be connected to 75 meters when connected to 12 digital sensors.

Baud rate: 9600/19200 bps;

Digital sensor power supply: DC12V/750mA

Number of digital sensor: 1~16 pcs

Digital sensor communication protocol: C protocol/customized C protocol/E protocol/customized E protocol/K protocol

Display mode: 7inch 800*480 TFT color display with Chinese text

Keyboard: Resistive touch screen

Scale board interface: 20mA current loop output, baud rate 600bps, transmission distance ≤ 100m.

Serial communication interface: Standard RS232 and RS485, baud rate 600~19200 bps

Printer interface: Standard parallel interface for EPSON LQ-300K + II, EPSON LQ-300K, EPSON LQ-680K, EPSON LQ-730K, EPSON LQ-1600K (+), KX-P1131, KX-P1121, DS-300, DS1900, FP560K LQ-350K and external match with POS58, WH-T2AR10-00ABPB, AD-300K printer.

Ethernet interface: 10/100Mbps

Data storage: 1000 sets tare weight, 3500 sets latest weighing record, 300 sets latest incomplete weighing records

Indicator Power: AC110~220V, 50~60Hz

IoT Communication: GPRS

Weight: around 3.3kg

IoT Communication: GPRS

DPM-1.2 DPM-2.3 / 3 / 5 / 8S



« DPM1.2

« DPM-2.3/3/5/8S

产品简介:

笔段式大屏幕，采用高亮度LED红光数码管显示，具有亮度高、发光稳定等优点。采用适配器供电。仅支持与柯力仪表通讯。

型号: DPM-1.2 254*100*50 (mm)

功能特点:

- 支持柯力仪表标准通讯协议；
- 小尺寸大屏幕；
- 采用适配器供电；
- 多种安装方式，简易、方便；

技术参数:

1、工作电压: 交流110~220V/50Hz;

2、工作温度: 10℃~40℃;

3、通讯方式: 电流环+Rs232;

4、波特率: 600bps;

笔段式大屏幕，采用高亮度LED红光数码管显示，具有亮度高、发光稳定等优点。采用变压供电，支持多种通讯协议，大屏幕可自适应识别通讯协议。

型号:

DPM-2.3S 380*145*40 (mm)

DPM-3S 500*160*60 (mm)

DPM-5S 750*270*60 (mm)

DPM-8S 1120*439*71 (mm)

功能特点:

- 支持多种通讯协议，可自适应识别；
- 支持多种通讯格式、校验方式；
- 壳体可定制成不锈钢；
- 多种安装方式，简易、方便；

技术参数:

1、工作电压: 交流~220V/50Hz;

2、工作温度: -10℃~40℃;

3、通讯方式: 电流环+Rs232;

4、波特率: 600~19200bps可选;

Introduction

DPM1.2 is stroke segment type high-brightness red LED display, which has the advantages of high brightness and stable light emission, powered by an adapter, only support KeLi indicator.

Model: DPM-1.2 254*100*50 (mm)

Features:

- Support KeLi indicator communication protocol;
- Small size large display;
- Adapter power supply;
- A variety of installation methods, simple and convenient;

Technical Parameters:

1 Working voltage: AC 110~220V/50Hz;

2 Working temperature: -10° C ~ 40° C;

3 Communication: current loop + Rs232;

4 Baud rate: 600bps;

DPM series is stroke segment type large screen adopts high-brightness red LED display, which has the advantages of high brightness, stable light emission, etc. It adopts variable voltage power supply and supports various communication protocols, so can detection and adapt to workable communication protocol.

Model: DPM-2.3S 380*145*40 (mm)

DPM-3S 500*160*60 (mm)

DPM-5S 750*270*60 (mm)

DPM-8S 1120*439*71 (mm)

Features:

- Support multiple communication protocols, which can be adaptively identified;
- Support multiple communication formats and verification methods;
- The shell can be customized into stainless steel;
- A variety of installation methods, simple and convenient;

Technical Parameters:

1 Working voltage: AC ~ 220V / 50Hz;

2 Working temperature: -10° C ~ 40° C;

3 Communication method: current loop + Rs232;

4 Baud rate: 600~19200bps optional;

点阵防雨淋大屏幕 Dot Matrix Waterproof Scoreboard

笔段式防雨淋大屏幕 Rain-proof stroke segment large screen



<< DPM-DZ-INT-5S-FY

<< DPM-3-FY

产品简介:

点阵大屏幕, 红光显示, 具有防雨淋功能。支持显示文本广告、图片广告、日期、时钟、农历等显示内容, 并支持绝大多数国家地区的语言。
型号: DPM-DZ-INT-5S-FY 707*241*237 (mm);
标配柯力仪表, 兼容多种协议 (如托利多、英展、富林泰克等)。

功能特点:

1. 支持绝大多数国家地区的语言;
2. 支持文本广告;
3. LOGO、图片广告、无信号信息支持图片下载, 图片规格为16×64, 格式为bmp;
4. 可通过软件设置大屏幕的中英文版本;
5. 仪表重量稳定时, 延时 (可设置) 自动转至显示广告、时间等设置或录入的信息内容;
6. 通过大屏幕右侧的二个按键, 可设置日期、时间、波特率、显示单位等信息。以上调整也可通过软件实现;
7. 支持多种通讯协议, 非柯力仪表请与柯力公司确认是否支持;

技术参数:

1. 工作电压: 交流110~220V/50Hz;
2. 工作温度: -10℃~40℃;
3. 通讯方式: 电流环+Rs232;
4. 波特率: 600~19200bps可选。

笔段式防雨淋大屏幕, 采用高亮度LED红光数码管显示, 具有亮度高、发光稳定等优点, 采用变电压供电, 仅支持与柯力仪表通讯。

型号: DPM-3-FY 504*196*195 (mm)

功能特点:

1. 支持柯力仪表标准通讯协议;
2. 采用不锈钢壳体;
3. 具有防雨淋功能;
4. 多种安装方式, 简易、方便;

技术参数:

1. 工作电压: 交流~220V/50Hz;
2. 工作温度: -10℃~40℃;
3. 通讯方式: 电流环+Rs232;
4. 波特率: 600bps;

Introduction

DPM-DZ-INT-5S-FY is a red light dot matrix remote display with rain-proof. Support display of text ads, image ads, dates, clocks, lunar calendars, etc, most countries languages supported.
Model: DPM-DZ-INT-5S-FY 707*241*237(mm);
The standard configuration of Keli indicator meanwhile compatible with multiple protocols (such as Toledo, Yingzhan, Flintek, etc.)

Features:

1. Support the language of most countries and regions;
2. Support text ads;
3. Support LOGO, picture advertisement, picture download when no signal input, picture specification is 16×64, format is bmp;
4. Chinese and English version switch can be set through the software;
5. When the weight of the indicator is stable the time delay (settable) will automatically switch to display the content of the advertisement or time or setting content;
6. Date, time, baud rate, display unit and other information can be set by two buttons on the right side or software;
7. Support multiple communication protocols. For non-Keli indicators, please confirm with Keli whether support;

Technical Parameters:

1. Working voltage: AC 110~220V/50Hz;
2. working temperature: -10℃~40℃;
3. Communication method: current loop & Rs232;
4. Baud rate: 600~19200bps optional.

DPM-3-FY is the stroke segment type rain-proof large screen adopts high-brightness red LED light display, which has the advantages of high brightness, stable light emission, etc. It adopts variable voltage power supply and only supports Keli indicator communication protocol.

Model: DPM-3-FY 504*196*195 (mm)

Features:

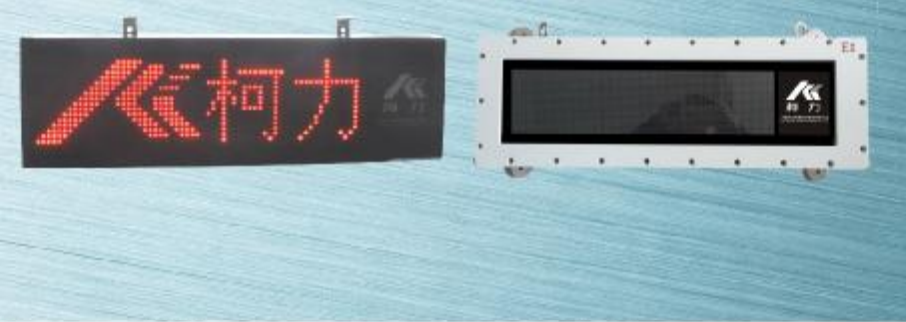
1. Support Keli indicator standard communication protocol;
2. Stainless steel housing;
3. Rain-proof function;
4. A variety of installation methods, simple and convenient;

Technical Parameters:

1. Working voltage: AC ~220V/50Hz;
2. Working temperature: -10℃~40℃;
3. Communication method: current loop & RS232;
4. Baud rate: 600bps;

点阵大屏幕 Dot matrix remote display

防爆型点阵大屏幕 Explosion-proof dot matrix large screen



<< DPM-DZ-INT-3/5/7S

<< Ex-DPM-DZ-5

产品简介:

点阵大屏幕, 红光显示, 除具备传统数码管大屏幕显示重量功能以外, 还支持显示文本广告、图片广告、日期、时钟、农历等显示内容, 并支持绝大多数国家地区的语言。
常规型号:
7寸 DPM-DZ-INT-7S 770*190*45 (mm);
5寸 DPM-DZ-INT-5S 630*190*45 (mm);
3寸 DPM-DZ-INT-3S 490*160*45 (mm);
标配柯力仪表, 兼容多种协议 (如托利多、英展、富林泰克等)。

功能特点:

1. 支持绝大多数国家地区的语言;
2. 支持文本广告;
3. LOGO、图片广告、无信号信息支持图片下载, 图片规格为16×64, 格式为bmp;
4. 可通过软件设置大屏幕的中英文版本;
5. 仪表重量稳定时, 延时 (可设置) 自动转至显示广告、时间等设置或录入的信息内容;
6. 通过大屏幕右侧的二个按键, 可设置日期、时间、波特率、显示单位等信息。以上调整也可通过软件实现;
7. 支持多种通讯协议, 非柯力仪表请与柯力公司确认是否支持;

技术参数:

1. 工作电压: 交流110~220V/50Hz;
2. 工作温度: -10℃~40℃;
3. 通讯方式: 电流环+Rs232;
4. 波特率: 600~19200bps可选。

防爆点阵大屏幕, 红光显示, 除具备传统数码管大屏幕显示重量功能以外, 还支持显示文本广告、图片广告、日期、时钟、农历等显示内容, 并支持绝大多数国家地区的语言。

型号: Ex-DPM-DZ-5 707*270*82 (mm)

功能特点:

1. 支持绝大多数国家地区的语言;
2. 支持文本广告;
3. LOGO、图片广告、无信号信息支持图片下载, 图片规格为16×64, 格式为bmp;
4. 可通过软件设置大屏幕的中英文版本;
5. 仪表重量稳定时, 延时 (可设置) 自动转至显示广告、时间等设置或录入的信息内容;
6. 通过大屏幕右侧的二个按键, 可设置日期、时间、波特率、显示单位等信息。以上调整也可通过软件实现;
7. 支持多种通讯协议, 非柯力仪表请与柯力公司确认是否支持;

技术参数:

1. 工作电压: 交流~220V/50Hz;
2. 工作温度: -10℃~40℃;
3. 防爆等级: Exd II BT4 Gb
4. 通讯方式: 电流环+Rs232;
5. 波特率: 600~19200bps可选;

Introduction

The large dot matrix remote display, red light display, in addition to the traditional digital tube large remote display display weight function, also supports the display of text ads, picture ads, dates, clocks, lunar calendar and other display content, and supports the language of most countries and regions.

Model:

- 7 inch DPM-DZ-INT-7S 770*190*45 (mm);
- 5 inch DPM-DZ-INT-5S 630*190*45 (mm);
- 3 inch DPM-DZ-INT-3S 490*160*45 (mm);

The standard configuration of Keli indicator is compatible with multiple protocols (such as Toledo, Yingzhan, Flintek, etc.)

Features:

1. Support languages of most countries and regions;
2. Support text ads;
3. LOGO, picture advertisement, picture download supported when no information signal, picture specification is 16×64, format is bmp;
4. The Chinese and English versions of the large remote display can be set through the software;
5. When the weight of the indicator is stable, the delay (settable) will automatically switch to display the content of the advertisement or time settings or the information entered;
6. Through the two buttons on the right side of the large remote display, you can set the date, time, baud rate, display unit and other information. The above adjustments can also be achieved through software;
7. Support multiple communication protocols. For non-Keli indicators, please confirm with Keli whether they support;

Technical parameter:

1. Working voltage: AC 110~220V/50Hz;
2. Working temperature: -10℃~40℃;
3. Communication: current loop & Rs232;
4. Baud rate: 600~19200bps optional.

Explosion-proof dot matrix large screen, red light display, in addition to the traditional digital tube large screen display weight function, it also supports the display of text ads, picture ads, dates, clocks, lunar calendar and other display content, and supports the language of most countries and regions.

Model: Ex-DPM-DZ-5 707*270*82 (mm)

Features:

1. Support languages of most countries and regions;
2. Support text ads;
3. LOGO, picture advertisement, support picture download when no signal input, picture specification is 16×64, format is bmp;
4. Chinese and English version switch can be set through the software;
5. When the weight of the instrument is stable, the delay (settable) will automatically switch to display the content of the advertisement or time settings or the information entered;
6. Date, time, baud rate, display unit and other information can be set by two buttons on the right side or software;
7. Support multiple communication protocols. For non-Keli instruments, please confirm with Keli whether support;

Technical parameter:

1. Working voltage: AC ~220V/50Hz;
2. Working temperature: -10℃~40℃;
3. Explosion-proof grade: Exd II BT4 Gb
4. Communication method: current loop + Rs232;
5. Baud rate: 600~19200bps optional;

高速数字模块 High speed digital module H5

防雷数字接线盒 Lightning protection digital junction box



<< H5

<< KL-JXH-Q-D

产品简介:

特点:

1. 公开协议;
2. 400次/秒的高速采样与应答速度;

技术参数

3. 模块供电电压: 9~15V DC
4. 通讯方式: RS485
5. 通讯波特率: 115200 bps
6. 通讯格式: 8个数据位, 无校验位, 1个停止位
7. 最多可连接个数: 6个
8. 最长通讯距离: 30米
9. AD转换速度: 50、100、200、400次/秒 (可软件设定)
10. AD滤波方式: 平均滤波, 滤波个数: 1、2、4、8 (可软件设定)
11. 动态精度: 50次/秒: 0.2% 100次/秒: 0.5%
12. 工作环境: 温度: -10°C~40°C
湿度: 10%~85% (RH), 无冷凝。

模块出厂默认值: 地址为1, AD速度为100次/秒, 平均滤波个数为2。

产品简介:

KL-JXH-Q-D防雷数字接线盒是专门为保护数字传感器免受感应雷击设计的新型接线盒。采用当前先进的防雷设计方案, 并获得了相关权威防雷机构的验证。在系统良好接地的环境下使用, 可有效减少数字传感器、数字接线盒遭受感应雷击损坏的概率, 保障用户财产安全。

功能特点:

外壳采用常规不锈钢外壳, 兼容性强, 安装方便, 符合主流使用习惯;
多级防护措施, 可有效减小感应雷击损坏概率;
防护等级高, 在深圳通过了无源20KV雷击浪涌测试, 通过了上海计量测试技术研究院有源6KV雷击浪涌测试;
连接组数性能满足正常使用要求。

Introduction

Features:

1. Public protocol;
2. 400 times / second high-speed sampling and response speed;

Technical Parameters

1. Module supply voltage: 9~15V DC
2. Communication method: RS485
3. Communication baud rate: 115200 bps
6. Communication format: 8 data bits, no parity, 1 stop
7. Maximum number of connections: 6
8. The longest communication distance: 30 meters
9. AD conversion speed: 50, 100, 200, 400 times / second (set by software)
10. AD filtering mode: average filtering, filtering number: 1, 2, 4, 8 (set by software)
11. Dynamic accuracy: 50 times / second: 0.2% 100 times / second: 0.5%
12. Working environment: Temperature: -10°C ~ 40°C
Humidity: 10% ~ 85% (RH), no condensation.
address is 1, AD speed is 100 times / second, the average number of filters is 2.
13. Module default setting:

Introduction

KL-JXH-Q-D Lightning protection digital junction box is a new type junction box, special designed for protecting the digital load cell from lightning stroke.

It adopts advanced lightning design and passed the verification of related lightning protection authorities.

Under the condition of a good grounding system, it can effectively reduce the digital sensor, digital terminal box suffering lightning strike damage probability and ensure the safety of the user property.

Features:

1. Stainless steel shell, strong compatibility, easy installation, in line with the mainstream use habit;
2. Multistage protection measures, which can effectively reduce the induction lightning damage probability;
3. High protection grade, has passed the source 20 kv lightning surge test in Shenzhen, passed active 6 kv lightning surge test of the metrological testing technology research institute of Shanghai
4. Connection group scale performance meets the requirements of normal use.

JCH-XW



<< JCH-XW

产品简介:

该仪表是配合1701系统的实时采集秤台限位距离的新产品。在产品设计中考虑了实际应用中长期稳定性和宽温工作范围的要求。

主要特点

最多可接入8个位移传感器。

配合我司的1701系统使用, 可在上位机软件上进行标定, 数据的读取。

可通过手机APP进行数据的查看。

采集的数据: 1、秤台限位距离 2、盒内湿度 3、盒内温度
采用铸铝高端密封式外壳。

技术参数

1 负载能力

传感器激励电压: DC 24V, 可驱动8只位移传感器。

量程信号范围: 4~20mA。

测量距离范围: 0~40mm

距离输出分辨率: 0.1mm

距离输出精度: 3%

2 电源

限位检测盒的电源电压: 24VDC

不可与易产生电源噪声的设备如电机、继电器或加热器等共用一个电源。

3 温度和湿度

正常使用温度为: -20°C~60°C, 湿度为0%RH~90%RH, 无冷凝。

Introduction

The indicator is a new product that cooperates with the 1701 system to collect the limit distance of the weighing platform in real time. The long-term stability and wide temperature operating range requirements in practical applications are considered in the product design.

Main features

- Up to 8 displacement load cells can be connected.
- Coordinate with Keli 1701 system, calibration and data can be read on the PC software.
- Data can be viewed through mobile app.
- Data collection: 1. limit distance of weighing platform 2. box temperature 3. box humidity
- High ended design sealed aluminum casting shell.

Technical Parameters

1. Load capacity
Load cell excitation voltage: DC 24V, can drive 8 displacement load cells.
Capacity signal range: 4~20mA.
Measuring distance range: 0~40mm
Distance output resolution: 0.1mm
Distance output accuracy: 3%
2. power supply
The power supply voltage of limit detection box: 24V DC
Notice: do not share a power supply with equipment which easy to generate power noise, such as motors, relays, or heaters.
3. Temperature and humidity
Normal operating temperature is: -20°C~60°C, humidity is 0%RH~90%RH, no condensation.



QQC-2DA

QQC-3DA

QQC-1A

产品简介:

1. 产品描述

KQC-2DA型起重重量限制器具有双传感器组合、双通道输入,可实现分显示分控制,总显示总控制。主要用于主副钩起重、闸门启闭机等双吊点式的起重机构。传感器可以采用轴承座式(BTW)、板环式(BHS)、销轴式(XZ)等多形式组合。

同类型仪表: KQC-1A、KQC-3A、KQC-3DA、KQC-12B、KQC-4DA

2. 主要特点

- 两路分显示分控制、一路总显示总控制
- 可选轻载控制功能
- 实际标定与模拟标定两种方式
- 可设定高低两种分辨率 超限延迟时间可选
- 按键清零功能
- 可连接大屏幕显示
- 四位高亮红色0.56" LED数码管显示
- 电源防浪涌、表面EMI抗干扰滤波器设计

3. 技术参数

- 适用范围: 5 ~ 600t主副钩起重机、闸门启闭机等双吊点式的起重机构
- 动作误差: $\leq 3\%$ F.S.
- 综合误差: $\leq 5\%$ F.S.
- 报警点
- 轻载控制: 额定起重量的20%
- 预警报警: 额定起重量的90%
- 延时报警: 额定起重量的105%(连续超限时间2秒后继电器动作)
- 立即报警: 额定起重量的110%
- (轻载值、预警值、延时报警值、超限时间均可手动设定范围)
- 传感器过载能力150%
- 电源电压: AC380V $\pm 10\%$ 或AC220V $\pm 10\%$
- 工作温度: $-20^{\circ}\text{C} \sim +60^{\circ}\text{C}$ 相对湿度: 90%RH
- 继电器触点容量: 30A/220V, 15A/380V
- 传感器防护等级: IP68
- 仪表箱防护等级: IP42

Introduction

1. Product Description

KQC-2DA type limiter from the weight sensor in combination with a double, two-channel input, to achieve sub-display sub-control, total control is always displayed. Mainly used for primary and secondary hook lift, twin-lift gate hoist and so on-point lifting mechanism. Sensors can be used bearing type (BTW), plate ring (BHS), pin type (XZ) and other forms of combination. The same type of instrument: KQC-1A, KQC-3A, KQC-3DA, KQC-12B, KQC-4DA

2. Main features

- Display division two-way control, all the way to total shows the total control
- Optional light load control function
- The actual calibration and simulation calibration in two ways
- You can set high and low resolution
- Optional delay time overrun
- Clear Function keys
- Optional for big-screen display
- Four digital display highlighted red 0.56 LED
- Power Surge, EMI interference filter design surface

3. Technical parameters

- Scope: 5 ~ 600t main and auxiliary hook cranes, gate hoist and other twin-lift type lifting mechanism
- Action error: $\geq 3\%$ F.S.
- Comprehensive error: $\leq 5\%$ F.S.
- Alarm
- Light load control: nominal weight of 20%
- Warning Alarm: Rated 90% by weight
- Delay alarm: 105% of rated capacity weight (continuous overrun time of 2 seconds after the relay)
- Call the police: 110% of rated weight (Light load value, alarm value, alarm delay, overrun time can be manually set range)
- Sensor overload 150%
- Power supply voltage: AC380V10% or AC220V10%
- Working temperature: $-20^{\circ}\text{C} \sim +60^{\circ}\text{C}$
- Relative humidity: 90% RH
- Relay contact capacity: 30A / 220V, 15A / 380V
- Sensor protection: IP68
- Meter box protection grade: IP42



QQC-C7

QQC-C8

产品简介:

1. 产品描述

KQC-C8超载限制器是一种新型智能式重量过载保护器,通过设置的重量传感器测量装载物重量的变化,实时显示实际载荷,当载荷达到其额定载荷的设定值时,发出声光报警信号,并可给出开关量输出。

采用单个传感器时可用于塔机、卷扬机等;采用两个传感器时可用于施工升降机。

同类型仪表: KQC-C2、KQC-C7

2. 主要特点

KQC-C8超载限制器具有实时记录重量数据和超载数据的功能,并可以通过仪表串口或U盘导出实时数据及超载数据。

3. 技术参数

- 工作电源: AC220V/50Hz;
- 综合误差: $\leq 5\%$ F.S.;
- 供桥电源: DC5V;
- 继电器输出触点容量: 10A/250VAC;
- 输入信号范围: 0mV--15mV;
- 显示位数: 4位;
- 实时数据量: 5000条;
- 超载数据量: 200条
- 具有U盘导出功能;
- 数据通讯接口: RS232/9600bps;
- 工作温度: $-20^{\circ}\text{C} \sim 60^{\circ}\text{C}$;
- 相对湿度: $\leq 85\%$ RH;
- 推荐预热时间: $\geq 10\text{min}$;
- 仪表尺寸: 130mm*160mm*67.5mm;
- 仪表重量: 1kg

Introduction

1. Product Description

KQC-C8 overload limiter is a new smart weight overload protection, by setting the weight of the load sensor measures the change in weight, real-time display the actual load, when the load reaches the set value of the rated load, the audible alarm signal, and given switch output.

When using a single sensor can be used for tower cranes, winches, etc.; with two sensors can be used for construction of the lift.

The same type of instrument: KQC-C2, KQC-C7

2. Main features

KQC-C8 overload limiter with real-time data recording weight data and overload functions, and can export data in real-time data and overload through the instrument serial or U disk.

3. Technical parameters

- Power supply: AC220V / 50Hz;
- Comprehensive error: $\leq 5\%$ F.S.;
- Bridge power supply: DC5V;
- Relay output contact capacity: 10A / 250VAC;
- Input signal range: 0mV - 15mV;
- Display digits: 4;
- Real-time data: 5000;
- The amount of data overload: 200
- Having a U disk and export functions;
- Data communication interface: RS232 / 9600bps;
- Working temperature: $-20^{\circ}\text{C} \sim 60^{\circ}\text{C}$;
- Relative humidity: $\leq 85\%$ RH;
- Recommended warm-up time: $\geq 10\text{min}$;
- Instrument Size: 130mm * 160mm * 67.5mm;
- Meter Weight: 1kg

起重量限制器 Lifting weight limiter KPX-1B



<< KPX-1B

产品简介:

1、产品描述

KPX-1B型起重量限制器(带重量显示)是适用于各类常规电动葫芦起重设备的超载安全保护装置,主要由传感器、控制仪表组成。主要功能和性能满足GB12601-90《起重机械超载保护装置技术规范》要求。具有安装简单、使用方便、价格便宜等特点。

仪表采用数字电路设计方案,结合单片机可编程技术,使得仪表具备一定的通用型,该装置操作调试较方便。

同类型仪表: KPX-1L、KPX-1S、KPX-1K

2、主要特点

具有四位LED数码管显示

3、技术参数

动作误差: $\leq 5\%$ F.S.

综合误差: $\leq 5\%$ F.S.

传感器灵敏度范围: 0.4mV/V-1.5mV/V

报警点

预警: 额定起重量的90%,蜂鸣器断续声响,黄色指示灯亮

报警: 额定起重量的105%,蜂鸣器连续声响,红色指示灯亮,继电器动作

电源电压: AC380V $\pm 10\%$

工作温度: $-20^{\circ}\text{C} \sim +60^{\circ}\text{C}$

相对湿度: 90%RH

继电器触点容量: AC250V/10A

传感器防护等级: IP67

Introduction

1. Product Description

KPX-1B type from the weight limiter (with weight display) Overload protection device is applicable to various types of conventional electric hoist lifting equipment consists of sensors, control instrumentation components. Main features and performance to meet GB12601-90 "Lifting overload protection device technical standard" requirement. Simple to install, easy to use, inexpensive and so on.

Instrument digital circuit design, combined with a programmable microcontroller technology, making the instrument have a certain universal, debugging more convenient operation of the device.

The same type of instrument: KPX-1L, KPX-1S, KPX-1K

2. Main features

It has four LED digital significantly

3. Technical parameters

Action error: $\leq 5\%$ F.S.

Comprehensive error: $\leq 5\%$ F.S.

Sensor sensitivity range: 0.4mV/V-1.5mV/V

Alarm

Warning: Rated 90% by weight, intermittent buzzer sounds, the yellow indicator light

Alarm: 105% of rated weight, continuous buzzer sounds, the red indicator light, relay

Power supply voltage: AC380V $\pm 10\%$

Working temperature: $-20^{\circ}\text{C} \sim +60^{\circ}\text{C}$

Relative humidity: 90% RH

Relay contact capacity: AC250V / 10A

Sensor Protection: IP67

塔机力矩限制器 Tower crane torque limiter TXJ-A4



<< TXJ-A4

产品简介:

1、产品描述

TXJ-A4型塔机力矩限制器,适用于各种水平臂式的塔式起重机,防止超过额定力矩状态下运行的一种安全保护装置。本系统占用空间小,安装方便,不需更改原塔机的任何结构,不影响原有的机械式安全装置的使用,起到双重保护的作用。

2、主要特点

全彩液晶屏幕实时显示

声光预警/报警(>80dB)

三路继电器输出

六路模拟量输入

两路串口数据输出

可扩展GPRS无线传输功能

可记录最新的200条报警记录和8080条实时记录(记录条数可海量扩展)

3、技术参数

工作温度: $-20^{\circ}\text{C} \sim 60^{\circ}\text{C}$;

相对湿度: $\leq 85\%$ (RH) 无冷凝;

电源电压: AC220V $\pm 10\%$

综合误差: $\leq \pm 5\%$

产品尺寸: 290 x 180 x 80mm

Introduction

1. Product Description

TXJ-A4 type tower crane torque limiter, suitable for all levels of the tower crane arm, a safety device to prevent exceeding the rated torque running state. The small footprint, easy installation, no need to change any structure of the original tower machine does not affect the original mechanical safety device, play a dual role in protection.

2. Main features

Full color LCD screen real-time display

Sound and light warning / alarm (> 80dB)

Three relay outputs

Six-channel analog input

Two serial data output

Scalable GPRS wireless transmission function

You can record the latest 200 alarm records and 8080 real-time recording (mass number of records can be extended)

3. Technical parameters

Working temperature: $-20^{\circ}\text{C} \sim 60^{\circ}\text{C}$;

Relative humidity: $\leq 85\%$ (RH) non-condensing;

Power supply voltage: AC220V $\pm 10\%$

Comprehensive error: $\leq \pm 5\%$

Product size: 290 x 180 x 80mm



<< CWS系列车载称重系统



GPRS-SIM9XX-A/A1

产品简介:

1. 产品描述

CWS系列车载称重系统是一款采用MAX处理器的先进技术平台，专用于车载称重的高品质称重系统。根据车载称重的要求，提供足够的高可靠输入输出和通讯接口。通过扩展接口，可与微型打印机、大屏幕、上位机、服务器通讯。应用于环卫、运输等行业。

2. 主要特点

- 采用24位高精度SIGMA-DELTA AD转换芯片
- 触摸屏+IC读卡器，提高人机交互效率
- 480x272点阵4.3" TFT显示屏
- 中文图形操作菜单，易于操作
- 界面信息丰富
- 实时时钟
- 高可靠C接口
- 标配RS232, RS485接口
- 选配GPRS通讯模块，支持GPS定位
- 支持外接柯力大屏幕
- 支持外接微型打印机

3. 技术参数

型号	
产品尺寸 (W*H*D)	176 x 210 x 71.5mm (不含支架) 223 x 256 x 115mm (含支架)
输入装置	电阻式触摸屏 IC读卡器
使用环境	温度: 0℃ ~ +40℃ 相对湿度: 10% ~ 90%, 不冷凝
存储环境	温度: -30℃ ~ +60℃ 相对湿度: 10% ~ 90%, 不冷凝
显示	
屏幕尺寸	4.3英寸
屏幕色彩	65536色
分辨率	480 x 272 像素
网络	
网络制式	GSM
网络频率	2G: GSM 850/900/1800/1900MHz
数据业务	GPRS
其它功能	GPS
接口	
电源	DC24V
通讯接口	4路 RS232, 1路 RS485, 2路 USB, 1路以太网接口
控制接口	2路继电器输出
开关量接口	2路光电隔离的开关量输入; 2路光电隔离的开关量输出;
传感器接口	激励电压: 5V; 驱动最多 4 只 350 Ω 传感器
外显示接口	1路柯力大屏幕

Introduction

1. Product description

CWS series car weighing system is a advanced technology platform with IMAX processor for high-quality on-board weighing system. According to board weighing requirements, provide adequate input-output and highly reliable communication interface. By extending the interface, large screen of the PC, server and micro-printer communications. Applied to sanitation, transportation and other industries.

2. Main feature

- 24 bit high precision SIGMA-DELTA AD converter chip
- Touch screen+IC card reader, improve the efficiency of human-computer interaction
- 480x272 dot 4.3" TFT display
- Chinese graphical operating menu, easy to use
- Information-rich interface
- Real-Time Clock
- Highly reliable I/O interface
- Standard RS232, RS485 interfaces
- Optional GPRS communication module, supports GPS positioning
- Support for external KeLi force the big screen
- Supports external micro-printer

3. Parameter

Specification	
Dimension (W*H*D)	176 x 210 x 71.5mm (without bracket) 223 x 256 x 115mm (with bracket)
Input device	Resistive touch screen IC Card Reader
Environment	Temperature: 0℃ ~ +40℃ Relative Humidity: 10% to 90%, non-condensing
Storage Environment	Temperature: -30℃ ~ +60℃ Relative Humidity: 10% to 90%, non-condensing
Display	
Screen size	4.3 inch
Screen color	65536
Resolution	480 x 272
Network	
Network standard	GSM
Network frequency	2G: GSM 850/900/1800/1900MHz
Data Service	GPRS
Other features	GPS
Interface	
Power supply	DC24V
Communication port	4 RS232, 1 RS485, 2 USB, 1 RJ45
Control port	2 Relay output
Switch interface	2 Switch optically isolated input; 2 Photoelectric switch output isolation;
Load cell interface	Excitation voltage: 5V, drive up to four 350Ω sensor
External display interface	1 KeLi scoreboard

GPRS通讯模块 GPRS communication module GPRS-SIM9XX-A/A1

产品简介:

1. 产品描述

GPRS-SIM9XX-A/A1型通讯模块采用SIMCOM芯片组，提供透明数据通道，可以方便的实现远程、无线、网络化的通信方式。让您的设备轻松实现与Internet的无线连接。本模块具有网络覆盖范围广（移动网络覆盖方位，能使用移动电话的地方就可以使用），组网灵活快捷（安装即可使用），运行成本低（按流量计费）等诸多优点。可应用于仪器、工控、建筑机械等行业。

2. 主要特点

- 采用工业级芯片
- LED状态指示
- 支持GPRS、SMS、GPS、BDS
- RS232通讯接口
- UART通讯接口
- 宽工作电压范围

3. 技术参数

型号	GPRS-SIM900-A/A1	GPRS-SIM978-A/A1	GPRS-SIM968-A/A1
规格			
产品尺寸 (W*H*D)	A型 110 x 110 x 41.5mm A1型 85 x 56 x 18.5mm (不含连接器) 85 x 56 x 25mm (含连接器)		
使用环境	温度: 0℃ ~ +40℃ 相对湿度: 10% ~ 90%, 不冷凝		
存储环境	温度: -30℃ ~ +60℃ 相对湿度: 10% ~ 90%, 不冷凝		
显示			
状态指示	7个LED灯		
网络			
网络制式	GSM	GSM	GSM
网络频率	2G: GSM 900/1800MHz	2G: GSM 850/900/1800/1900MHz	2G: GSM 850/900/1800/1900MHz
数据业务	GPRS: SMS		
定位功能	—	GPS	GPS: BDS
接口			
电源	DC10V~DC24V		
有线通讯接口	1路 RS232(A型); 1路 UART(A1型);		

注: A型外置式; A1型内置式;

Introduction

1. Product Description

GPRS-SIM9XX-A / A1-type communication module uses SIMCOM chipset. Provide transparent data channel, you can easily remote, wireless, networked communication. Make your device easily with a wireless Internet connection. This module has a wide network coverage (mobile network coverage orientation, can use mobile phones where you can use) flexible and efficient networking (installation can be used), low operating costs (according to traffic accounting) and many other advantages. It can be applied to the instrument, industrial, construction machinery and other industries.

2. Main features

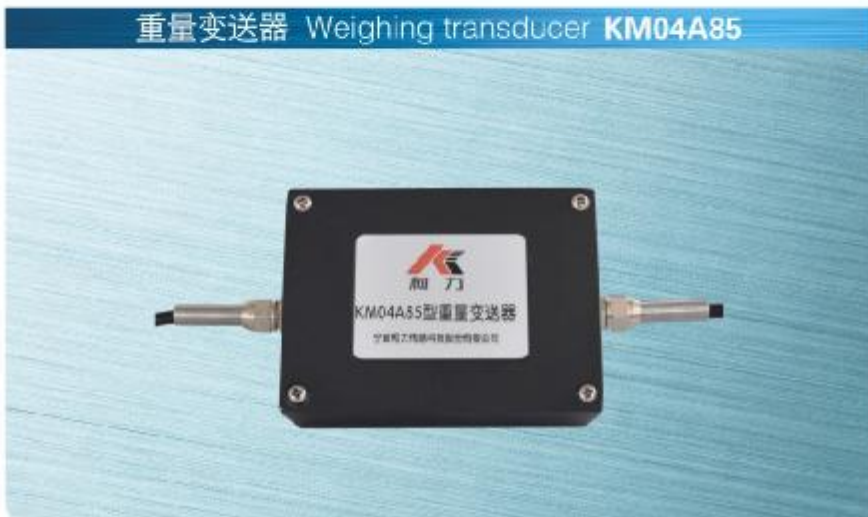
- The use of industrial-grade chips
- LED status indication
- Support GPRS, SMS, GPS, BDS
- RS232 communication interface
- UART communication interface
- Wide operating voltage range

3. Parameter

Model	GPRS-SIM900-A/A1	GPRS-SIM978-A/A1	GPRS-SIM968-A/A1
Specification			
Size (W*H*D)	A type 110 x 110 x 41.5mm A1 type 85 x 56 x 18.5mm (without Connectors) 85 x 56 x 25mm (with Connectors)		
Using environment	Temperature: 0℃ ~ +40℃ Relative Humidity: 10% to 90%, non-condensing		
Storage Environment	Temperature: -30℃ ~ +60℃ Relative Humidity: 10% to 90%, non-condensing		
Display			
Status	7 LED light		
Network			
Network standard	GSM	GSM	GSM
Network frequency	2G: GSM 900/1800MHz	2G: GSM 850/900/1800/1900MHz	2G: GSM 850/900/1800/1900MHz
Data Service	GPRS: SMS		
Positioning	—	GPS	GPS: BDS
Interface			
Power supply	DC10V~DC24V		
Wired communication interface	1RS232(A type); 1 UART(A1 type);		

Note: A-type external; A1-type built-in;

重量变送器 Weighing transducer KM04A85



<< KM04A85

产品简介:

1、产品描述

变送器KM04系列

KM04A8X重量变送器具有使用方便,工作可靠,可方便的嵌入各种应用系统。电路采用AD+DA的方式,前端ADC采用24位高精度ADC,模拟量输出采用16位DAC。

2、选型参考表

型号	输出信号		工作电源	外形尺寸 (mm)	特点与适用范围
	电压 (V)	电流 (mA)			
KM04A82	0~5V	0~24 mA	DC9~30V	φ28*12(裸板)	连接1路模拟传感器;与传感器连成一体;1路信号输出;适用于工业控制;
	0~10V	0~20mA 4~20mA			
KM04A85	0~5V	0~24 mA	DC9~30V	110 x 80 x 45(铸铝)	连接1路模拟传感器通道,1路信号输出;适用于工业控制;
	0~10V	0~20mA			
	-5~5V -10~10V	4~20mA			
KM04A86	0~5V	0~24 mA	DC9~30V	110 x 80 x 45(铸铝)	接1路模拟传感器通道,两路信号同时输出;适用于工业控制;
	0~10V	0~20mA			
	-5~5V	4~20mA			
	-10~10V				

Introduction

1、Product Description

Transmitter KM04 series

KM04A8X weight transmitter is easy to use, reliable, it can be easily integrated into various applications. Circuit: AD + DA manner, using 24-bit precision ADC front-end ADC, Analog output 16-bit DAC.

2、Selection Reference

model	Out signal		Power supply	Dimension (mm)	Features and scope
	voltage (V)	current (mA)			
KM04A82	0~5V	0~24 mA	DC9~30V	φ28*12(Bare board)	Connecting an analog sensor; and sensor fused for industrial control;
	0~10V	0~20mA 4~20mA			
KM04A85	0~5V	0~24 mA	DC9~30V	110 x 80 x 45(Aluminum)	Connecting one way analog sensor, one way signal output and sensor fused for industrial control;
	0~10V	0~20mA			
	-5~5V -10~10V	4~20mA			
KM04A86	0~5V	0~24 mA	DC9~30V	110 x 80 x 45(Aluminum)	Then 1 analog sensor channels, two output signals simultaneously; For industrial control;
	0~10V	0~20mA			
	-5~5V	4~20mA			
	-10~10V				

重量变送器 Weighing transducer KM02型系列



<< KM02型系列

产品简介:

1、产品描述

变送器KM02系列

KM02系列重量变送器是我公司推出的,面向工业控制领域(或其他需要模拟量输出的应用场所)的产品。

2、选型参考表

型号	输出信号		电源	外形尺寸 (mm)	特点与适用范围
	电压 (V)	电流 (mA)			
KM02	0~5 0~10		DC15~24V	69 x 44 x 18(塑壳)	连接1只模拟传感器;适用于工业过程控制,纺织行业张力控制;
	0~5 0~10				
KM02H			DC15~24V	64 x 58 x 35(塑壳)	连接1只模拟传感器;两级放大电路,适用于工业过程控制;
KM02H1		4~20mA	DC15~24V	64 x 58 x 35(塑壳)	连接1只模拟传感器;专用集成电路,具有限流保护,适用于工业过程控制;
KM02H2	0~1V 0~-1V		DC18~36V	110 x 80 x 45(铸铝)	连接1只模拟传感器;两级放大电路,适用于工业过程控制;
KM02C	1~10		DC15~24V	85x40x15(裸板)	与传感器连成一体,适用于工业控制;
KM02C5	0~5V		DC12V	φ22*8(裸板)	连接1只模拟传感器;与传感器连成一体,适用于工业控制;
KM02C11	0.5~2.5 -4.5		DC5V	φ22*8(裸板)	连接1只模拟传感器;与传感器连成一体,适用于工业控制;
KM02J1	0.5~4.5V		DC5V	φ30*8(裸板)	连接1只模拟传感器;与传感器连成一体,适用于工业控制;
KM02D	根据输入传感器的 信号输出		DC5~12V	φ30*8(裸板)	连接1只模拟传感器;与传感器连成一体,适用于工业控制;
KM07	根据输入传感器的 信号输出		DC5V	φ24*4(裸板)	连接1只模拟传感器;与传感器连成一体,适用于工业控制;

Introduction

1、Product Description

Transmitter KM02 series

KM02 Series Weight transmitter is introduced, and for industrial control applications (or other application areas require analog output) of the product.

2、Selection Reference

Model	Out signal		Power supply	dimension (mm)	Features and scope
	voltage (V)	current (mA)			
KM02	0~5 0~10		DC15~24V	69 x 44 x 18(plastic)	Connecting an analog sensor; for industrial process control, tension control of the textile industry;
	0~5 0~10				
KM02H			DC15~24V	64 x 58 x 35(plastic)	Connecting an analog sensor; two amplifier, for industrial process control;
KM02H1		4~20mA	DC15~24V	64 x 58 x 35(plastic)	Connecting an analog sensor; ASIC, current limiting protection for industrial process control;
KM02H2	0~1V 0~-1V		DC18~36V	110 x 80 x 45(Aluminum)	Connecting an analog sensor; two amplifier, for industrial process control;
KM02C	1~10		DC15~24V	85x40x15(Bare board)	And sensor fused for industrial control;
KM02C5	0~5V		DC12V	φ22*8(Bare board)	Connecting an analog sensor; and sensor fused for industrial control;
KM02C11	0.5~2.5 -4.5		DC5V	φ22*8(Bare board)	Connecting an analog sensor; and sensor fused for industrial control;
KM02J1	0.5~4.5V		DC5V	φ30*8(Bare board)	Connecting an analog sensor; and sensor fused for industrial control;
KM02D	According to the characteristics of input sensor output		DC5~12V	φ30*8(Bare board)	Connecting an analog sensor; and sensor fused for industrial control;
KM07	根据输入传感器的 信号输出		DC5V	φ24*4(Bare board)	Connecting an analog sensor; and sensor fused for industrial control;



<< WXMS-CP

产品简介:

1、产品描述

模拟传感器无线(WIFI技术)解决方案。

2、主要特点

新型的称重模式，WIFI无线传输；

通过该款采集盒，使传感器信号直接与无线(WIFI)网络设备通信，绕开了传统的电子称重仪表；

接口软件：WIFI_DLL、WIFI文件编辑器、Android WiFi Weight Soft；

台式机、笔记本电脑、上网本、平板电脑、手机PDA、智能MP4、导航等都能作为仪表终端；

可通过RS-232配置参数，还内置WEB服务器，可以像配置家用路由器一样配置WIFI模块；

支持DNS、DHCP、TCP和UDP，支持多对多网络互联。

3、技术参数

供电方式：DC12V (C型) /

电池5V/7500mAh (CP型) ；

默认串口设置：115200bps，无校验，8位数据位，1位停止位；

传感器连接方式：采用4线制航空插头；

输入信号范围：0mV-15mV；

工作温度：0℃-+40℃；

相对湿度：≤85%RH；

推荐预热时间：≥10min；

产品尺寸：90mm*110mm*52mm (C型)

190mm*145mm*51.5mm (CP型)

产品重量：0.47kg (C型) / 1.5kg (CP型) 。

Introduction

1, Product Description

Analog Sensors Wireless (WIFI technology) solutions.

2, Main features

The new weighing mode, WIFI wireless transmission;

By which the acquisition box, the sensor signals directly communicate wireless device (WIFI) network and, bypassing the traditional electronic weighing instruments;

Interface Software: WIFI_DLL, WIFI file editor, Android WiFi Weight Soft;

Desktops, laptops, netbooks, tablet PCs, mobile phones PDA, smart MP4, navigation and other instruments can be used as a terminal;

Via RS-232 configuration parameters, but also built-in WEB server, you can configure the home router is configured as the same WIFI module;

Support DNS, DHCP, TCP and UDP, support many to many networking.

3, Technical parameters

Power supply: DC12V (C type) /

Battery 5V / 7500mAh (CP type);

The default serial port settings: 115200bps, no parity, 8 data bits, 1 stop bit;

Sensor connection: 4-wire air plugs;

Input signal range: 0mV - 15mV;

Operating temperature: 0 °C - + 40 °C;

Relative humidity: ≤85% RH;

Recommended warm-up time: ≥ 10min;

Size: 90mm * 110mm * 52mm (C type)

190mm * 145mm * 51.5mm (CP type)

Weight: 0.47kg (C type) / 1.5kg (CP type).