



P3300

Refrigeration Pressure transducers

- Pressure from 0...1 to 60bar
- Digital compensation
- Current or voltage output options
- Polarity Protection
- Compact design
- A variety of mechanical and electrical connection

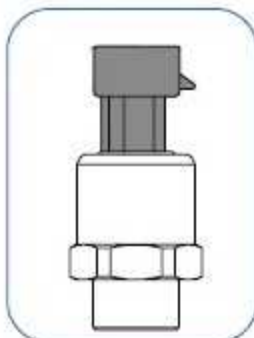
Application

Compressors
Water chillers
Condensor
Coolers
Refrigeration technology

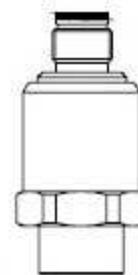
Product Family



P3300-3



P3300-7



P3300-9

Input	
Measuring range	0...1 to 60 bar
Safe overload	1.5xFS
Burst pressure	2xFS
Output	
Accuracy(@ 25°C)	≤ ±1%FS
Non-linearity BFSL	≤ ±0.5%FS
Hysteresis and repeatability	≤ ±0.2%FS
Stability	≤ ±1%FS/year
Environmental conditions	
Medium temperature range	-40 ... +85°C
Ambient temperature range	-25 ... +80°C
Storage temperature range	-40 ... +80°C
Thermal shift	≤ ±0.5%FS/10K
Other specifications	
Response time	≤ 4ms (10%...90%FS)
Process connection	" see "Ordering information"
Electrical connections	" see "Ordering information"
IP Grade	IP65
Weight	~80g

Electrical specifications		
Output signal	Supply voltage(U _b)	Load (RL)
4...20mA,2-wire	8...30VDC	RL ≤ (U _b -10V)/0.02A
0...5V,3-wire	8...30VDC	RL ≥ 5KΩ
1...5V,3-wire	8...30VDC	RL ≥ 5KΩ
0...10V,3-wire	14...30VDC	RL ≥ 10KΩ
0.5...4.5V,3-wire,ratiometric	5VDC ± 10%	RL ≥ 4.5KΩ

Ordering information

P3300 - XXXXX - XXX - X-X-X

Pressure ranges-B(bar)
G(gauge)

- 1X0BG = 0...1
- 1X6BG = 0...1.6
- 2X5BG = 0...2.5
- 4X0BG = 0...4
- 6X0BG = 0...6
- 010BG = 0...10
- 016BG = 0...16
- 025BG = 0...25
- 040BG = 0...40
- 060BG = 0...60
- xxxBG = on request

C(compound)

- 1X0BC = -1...0
- 1X6BC = -1...0.6
- 2X5BC = -1...1.5
- 4X0BC = -1...3
- 6X0BC = -1...5
- 010BC = -1...9
- 016BC = -1...15
- 025BC = -1...24
- 040BC = -1...39
- Xxx BC = on request

Process connection
U07 = 7/16-20UNF-2A
taper 90°
F07 = 7/16-20UNF-2B
schrader female
XXX = on request

Output signal

- 1 = 4-20mA, 8...30V
- 2 = 0-5V, 8...30V
- 3 = 0-10V, 14...30V
- 4 = 0.5-4.5V, 5V, ratiometric
- 5 = 1-5V, 8...30V
- X = on request

Electrical connection

- 3 = Cable outlet
- 7 = Metri-pack 150
- 9 = M12X1,4-pin
- X = On request

Additional wireless
X=
(null=none;1=1m...)

Electrical connection

■ cable outlet
(code:3)

system	RD	BK	GN
2-wire	E+	E-	-
3-wire	E+	GND	S+

RD=red;BK=black;GN=green

■ Metri-pack 150
(code:7)
wire harness
B:red;A:black;C:green



system	B	A	C
2-wire	E+	E-	-
3-wire	E+	GND	S+

■ M12x1,4-pin
(code:9)
wire harness

- 1: brown; 2: white
- 3: blue; 4: black



system	1	3	4
2-wire	E+	E-	-
3-wire	E+	GND	S+

Dimension (mm)

	Metri pack series 150 IP65 Code: 7	M12X1-4 pin IP67 Code: 9	Cable outlet ,2m IP67 Code: 3
Electrical connection			
Process connection			
	Code: U07	Code: F07	Code: B14