

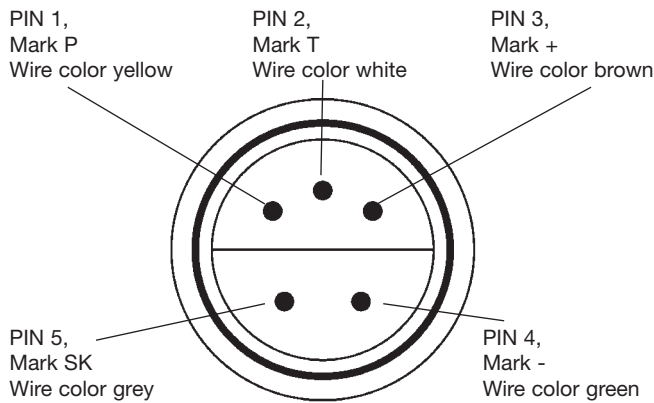
Sensor PPC-04/12-PT-XXX-CAB with adapter SDA20-G1/2



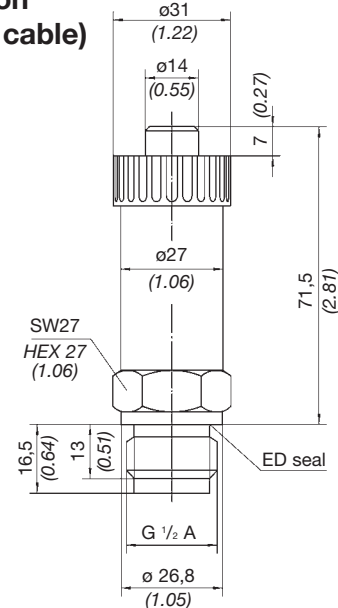
Sensor PPC-04/12-PT-XXX with adapter SDA20-G1/2



Cable End (PIN Out)



Dimension (without cable)



All dimensions in mm (inch)

DIAGTRONICS

Technical Data

Type (Piezoresistive)	Sensor PPC-04/12-PT-015	Sensor PPC-04/12-PT-100	Sensor PPC-04/12-PT-400	Sensor PPC-04/12-PT-600
Pressure range	-1...15 bar (-15...210 PSI) (Relative)	0...100 bar (0...1450 PSI) (Absolute)	0...400 bar (0...5800 PSI) (Absolute)	0...600 bar (0...8700 PSI) (Absolute)
Overload pressure	20 bar (290 PSI)	150 bar (2175 PSI)	800 bar (11600 PSI)	1000 bar (14700 PSI)
Burst pressure	45 bar (650 PSI)	500 bar (7250 PSI)	1200 bar (17400 PSI)	1800 bar (26100 PSI)
Hysteresis ($\pm\%$ FS* typ./max)	0,10/0,25	0,10/0,20	0,08/0,15	0,05/0,10
Repeatability ($\pm\%$ FS* typ./max)	0,08/0,15	0,08/0,15	0,08/0,15	0,08/0,15
Non-conformity ($\pm\%$ FS* typ./max)	0,25/0,50	0,25/0,50	0,25/0,50	0,25/0,50

Ambient Conditions

- Media temperature: -25...105°C (-13...221°F)
- Ambient temperature: -20...85°C (-4...185°F)
- Storage temperature: -40...125°C (-40...257°F)
- Compensated range: 0...85°C (32...285°F)

Voltage Requirement

- Excitation voltage: 7...12 VDC
- Current consumption: ≤ 5 mA

Output

- Output signal: U=0...3 VDC
- Temperature deviation: $< \pm 0,03\%$ FS*/°C
- Response time: < 1 ms
- Long-term stability: $< 0,2\%$ FS*/a
- Service Life: 10 Million Cycles
- Max Shock load: IEC 68 2-29
- Characteristic curve deviation: $< \pm 0,5\%$ FS*

Connection

- Media application
- Transducer connection

Material

- Transducer/Diaphragm
- Coupler
- Seal

General

- Male Stud
 - Weight
- * FS = Full Scale

gases, fluids (for use with aggressive media, please consult STAUFF) with adapter Stauff-Test 20 (M16x2), without adapter G 1/2A

Stainless steel
Carbon steel zinc plated
yellow chromated
FPM (Viton®)

G 1/2 (BSPP)
Approx. 200g (0,44 lbs)