

Gauge pressure Cerabar PMP11

Cost-effective pressure transducer with metal sensor for measurement in gases or liquids



Benefits:

- Easy and time-saving installation and set up within the plant due to very compact construction and customizable measuring ranges
- Reference accuracy of 0.5% together with high long-term stability and repeatability ensures a high quality of process monitoring in standard processes
- Long process availability is underpinned by the stringent use of 316L material and the 100% test coverage during production

Specs at a glance

- **Accuracy** 0.5%
- **Process temperature** -25...+85°C (-13...+185°F)
- **Pressure measuring range** 400 mbar...+40 bar (6 psi...+600 psi)
- **Measuring cell** 400 mbar...+40 bar (6 psi...+600 psi)

from **CHF194.00**

Price as of 26.09.2022

More information and current pricing:

www.ch.endress.com/PMP11

Field of application: The Cerabar PMP11 is the most price-attractive compact pressure transmitter in its segment. It features a piezo-resistive sensor and is able to measure gauge pressure from 400mbar up to 40bar. The PMP11 is designed to withstand the conditions in the process industry with the use of high quality materials like 316L. It can be used for standard applications in the process industry.

Features and specifications

Pressure

Measuring principle

Gauge pressure

Pressure**Characteristic**

Cost-effective pressure transducer, piezoresistive sensor with metallic measuring diaphragm

Supply voltage

Analogue output: 10...30 VDC
0...10 V output: 12...30 VDC

Reference Accuracy

0.5 %

Long term stability

0.2 % of URL/year

Process temperature

-25 °C...+85 °C
(-13 °F...+185 °F)

Ambient temperature

-40 °C...+70 °C
(-40 °F...+158 °F)

Measuring cell

400 mbar...+40 bar
(6 psi...+600 psi)

Max. overpressure limit

160 bar (2400 psi)

Process connection

Threads:
G1/4, G1/2,
MNPT1/4, MNPT1/2,
DIN13

Communication

4...20 mA
0...10 V

Pressure**Design approvals**

EN 10204-3.1 Final inspection report
Cleaned from oil and grease

Continuous / Liquids**Measuring principle**

Gauge pressure

Characteristic / Application

Cost-effective pressure transducer, piezoresistive sensor with metallic measuring diaphragm

Supply / Communication

Analogue output: 10...30 VDC
0...10 V output: 12...30 VDC

Accuracy

0.5%

Long term stability

0.2% of URL/year

Ambient temperature

-40...+70°C
(-40...+158°F)

Process temperature

-25...+85°C
(-13...+185°F)

Process pressure / max. overpressure limit

160 bar (2400 psi)

Pressure measuring range

400 mbar...+40 bar
(6 psi...+600 psi)

Continuous / Liquids

Process connection

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