

Gauge pressure Cerabar PMC11

Cost-effective pressure transducer with ceramic 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
- Capacitive oil-free measuring cell with high abrasion resistance and 100% test coverage during production guarantees long process availability

Specs at a glance

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

from **€150.00**

Price as of 30.11.2021

More information and current pricing:

www.apsc.endress.com/PMC11

Field of application: The Cerabar PMC11 is the most price-attractive compact pressure transmitter in its segment. It features a capacitive, oil-free ceramic sensor and is able to measure gauge pressure from 400mbar up to 40bar. The PMC11 is designed for standard applications in the process industry and to withstand the conditions with the use of high quality materials like 316L and 99,9% Al₂O₃.

Features and specifications

Continuous / Liquids**Measuring principle**Gauge pressure

Characteristic / ApplicationCost effective pressure transducer, capacitive sensor with ceramics measuring diaphragm

Supply / Communication

Analogue output:

10...30 VDC

0...10 V output:

12...30 VDC

Accuracy0.5%

Long term stability0.2 % of URL/year

Ambient temperature

-40 °C...+70 °C

(-40 °F...+158 °F)

Process temperature

-25 °C...+85 °C

(-13 °F...+185 °F)

Process pressure absolute / max. overpressure limitmax. 60 bar (900 psi)

Pressure measuring range

+400 mbar...+40 bar

(+6 psi...+600 psi)

Process connection

Threads:

G1/4, G1/2,

MNPT 1/4, MNPT 1/2,

DIN13

Continuous / Liquids**Communication**

4...20 mA

0...10 V

Design approvals

EN10204-3.1 Final inspection report

Cleaned from oil and grease

Pressure**Measuring principle**

Gauge pressure

Characteristic

Cost effective pressure transducer, capacitive sensor with ceramics measuring diaphragm

Supply voltage

Analogue output: 10...30 VDC

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

Reference Accuracy

0.5 %

Long term stability

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-25 °C...+85 °C

(-13 °F...+185 °F)

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+400 mbar...+40 bar

(+6 psi...+600 psi)

Pressure

Max. overpressure limit

max. 60 bar (900 psi)

Process connection

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