Gauge pressure
Cerabar PMC11

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

from **€146.00**
Price as of 10.05.2021

More information and current pricing:
www.endress.com/PMC11

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)

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% Al_2O_3.

Features and specifications

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
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
max. 60 bar (900 psi)

Pressure

Process connection

Threads:

G1/4, G1/2,

MNPT 1/4, MNPT 1/2,

DIN13

Communication

4...20 mA

0...10 V

Design approvals

EN10204-3.1 Final inspection report

Cleaned from oil and grease

Continuous / Liquids

Measuring principle

Gauge pressure

Characteristic / Application

Cost effective pressure transducer, capacitive sensor with ceramics measuring diaphragm

Supply / Communication

Analogue output:

10...30 VDC

0...10 V output:

12...30 VDC

Continuous / Liquids

Accuracy
0.5%

Long term stability
0.2 % 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 limit
max. 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

Communication
4...20 mA

0...10 V

Continuous / Liquids

Design approvals

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More information **www.endress.com/PMC11**

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