

## 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 **IDR2,919,527.00**

Price as of 05.07.2022

More information and current pricing:

[www.id.endress.com/PMC11](http://www.id.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% Al<sub>2</sub>O<sub>3</sub>.

### Features and specifications

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**Continuous / Liquids****Measuring principle**Gauge pressure

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**Characteristic / Application**Cost effective pressure transducer, capacitive sensor with ceramics measuring diaphragm

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**Supply / Communication**

Analogue output:

10...30 VDC

0...10 V output:

12...30 VDC

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**Accuracy**0.5%

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**Long term stability**0.2 % of URL/year

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**Ambient temperature**

-40 °C...+70 °C

(-40 °F...+158 °F)

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**Process temperature**

-25 °C...+85 °C

(-13 °F...+185 °F)

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

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**Pressure measuring range**

+400 mbar...+40 bar

(+6 psi...+600 psi)

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**Process connection**

Threads:

G1/4, G1/2,

MNPT 1/4, MNPT 1/2,

DIN13

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**Continuous / Liquids****Communication**

4...20 mA

0...10 V

**Design approvals**

EN10204-3.1 Final inspection report

Cleaned from oil and grease

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**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)

## Pressure

### Max. overpressure limit

max. 60 bar (900 psi)

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### Process connection

Threads:

G1/4, G1/2,

MNPT 1/4, MNPT 1/2,

DIN13

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### Communication

4...20 mA

0...10 V

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### Design approvals

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