



Baumer

Passion for Sensors

PBM4 pressure transmitter

For use in hydraulics.



Technical data

Precision at temperature fluctuations

Precision (20 °C) (including linearity, hysteresis, repeatability, deviations from the set minimum and maximum limits)	$\leq \pm 0.5\% \text{ FS}$
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Total error

0 ... +80 °C	$\leq \pm 1.0\% \text{ FS}$
-25 ... +100 °C	$\leq \pm 1.5\% \text{ FS}$
-40 ... +125 °C	$\leq \pm 2.5\% \text{ FS}$



Response time

10 ... 90%	$\leq 1.0 \text{ ms}$
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Compact. Competitive. For everybody.

Reliable Baumer quality attractively priced. Pressure transmitter PBM4 expands the Baumer portfolio and gives a wow factor to electronic pressure measurement. The compact and robust pressure transmitter plays to its strengths even in harsh environments, where space is tight and in mobile hydraulic systems.



Your benefits

- Several PBM4 variants for pressures from 10 to 1000 bar for versatile use in hydraulic brake and drive systems.
- PBM4 is up to high oil/ambient temperatures and severe fluctuations.
- Thin film sensing element directly welded to the process connection, no separate seal required.
- Robust design with high EMC immunity and resistance to shocks and vibrations (IP 67 protection).
- Extreme resilience against double overload and 10 times the burst pressure within any common measuring range.
- Ultimate level of application versatility in hydraulics, factory automation, mechanical engineering, automotive, etc.

 **Baumer**
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