Pressure Indicator PCE-DPG 100

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Pressure sensor for water and gases / 1/4" NPT threaded connection / Adjustable backlight / PEAK function / Battery status indicator / Battery-operated

The pressure sensor of the PCE-DPG series is well suited for monitoring and displaying air pressure and water pressure. Thanks to its high measuring resolution and high accuracy, this pressure sensor is versatile. The current pressure is displayed by the pressure sensor as a value and at the same time as a bar graph. As an additional function, the pressure sensor offers a peak function. This function shows the operator the maximum and minimum pressure measured on the pressure sensor at the push of a button.

Thanks to the large display of 2.5" almost all measured values can be read directly. Possible adjustable units for the pressure sensor would be Mpa, bar, Kpa, mH2o, kg / cm2, psi, mmH2o, in.WC and mbar. The response time of the pressure sensor is < 50 ms. The connection of the pressure sensor to the process is realized via a 1/4" NPT connection. Typical applications include suction control, leak testing or pressure monitoring.

- ▶ Measuring range up to 1450 psi, 100 bar
- ▶ Scaled bar graph
- ▶ Battery powered 3 x 1.5V AAA
- ▶ Large 2.5" display
- ▶ Adjustable backlight
- ▶ 1.4" NPT connection thread

Specifications

Measuring range	0 ... 1450 psi, 0 ... 100 bar
Resolution	0.145 psi, 0.01 bar
Accuracy	0.25% FSO
Pressure	Relative
Overpressure	1.5 times
Measurable media	Gases, water
Response time	< 50 ms
Housing material	Metal
Measurement units	Mpa, bar, Kpa, mH2o, kg / cm², psi, mmH2o, in.WC, mbar
Protection class	IP56
Diameter display	2.5"
Dimensions (without sensor)	Ø80 x 50 mm / 3.1 x 2 in
Pressure connection	1/40" NPT
Power supply	3 x 1.5V AAA batteries
Environmental conditions	-10 ... 60°C / 14 ... 140°F, < 80% RH
Weight	Approx. 276 g / < 1 lb (without batteries)

More information

Manual

More product info

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