PRESSURE SENSOR

PCE-DPG 3-ICA



- **Measuring range up to 43.5 psi, 3 bar**
- **Scaled bar graph**
- **Battery powered 3 x 1.5V AAA**
- **Large 2.5" display**
- **Adjustable backlight**
- **1.4" NPT connection thread**
- **incl. ISO-Calibration Certificate**

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 sensoris versatile. The current pressure is displayed by the pressure sensoras a value and at the same time as a bar graph. As an additional function, the pressure sensoroffers 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 sensorwould be Mpa, bar, Kpa, mH2o, kg / cm2, psi, mmH2o, in.WC and mbar. The response time of the pressure sensoris < 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.

Specification

Pressure	
Measuring range	-1 ... +3 bar
Resolution	0,001 bar
Accuracy	0.25% FSO %

General technical data	
Measuring functions	MIN, MAX
Units	bar, kPa, MPa, mH_2O, kg/cm^2, mmH_2O, psi, mbar, in.WC
Connections	1/4 NPT (external thread)
Display type	LCD
Display size	2,5 Inch
Response time	50 mS
Measured medium	Gases, Water
Housing	Metal
Overpressure	1,5 x
Protection class (device)	IP56
(Rechargeable) battery	3 x 1,5 V AAA battery , Alkali-manganese
Capacity	1200 mAh
Operating conditions	-10 ... 60 °C , 0 ... 80 % RH
Storage conditions	-10 ... 60 °C , 0 ... 80 % RH
Dimensions (L x W x H)	80 x 80 x 50 mm
Weight	276 g

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