# DIGITAL PRESSURE METER

## PCE-DPG 6-ICA




- **Measuring range up to 87 psi, 6 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 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.

## Specification

| Pressure | |
|---|---|
| Measuring range | 0 ... 6 bar |
| Resolution | 0,001 bar |
| Accuracy | 0.25% FSO % |

| General technical data | |
|---|---|
| Measuring functions | MIN, MAX |
| Units | bar, kPa, MPa, $mH_2O$, $kg/cm^2$, mmH2O, psi, mbar, in.WC |
| Connections | 1/4 NPT (male thread) |
| Display Typ | LCD |
| Display size | 2,5 Inch |
| Response time | 50 mS |
| Measuring medium | Water, Gases |
| Housing | Metal |
| Overpressure | 1,5 x |
| Protection class (device) | IP56 |
| Battery/battery | 3 x 1,5 V AAA Battery (1,5V) , Alkali-Manganese |
| Battery 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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