

Digital Pressure Meter DPG 100

Manometer PCE-DPG 100

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 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 ... 100 bar |
| Resolution | 0.01 |
| Accuracy | 0.25% FSO |
| Printing | Relative |
| Overprint | 1.5 times |
| Measurable media | Gases, water |
| Response time | < 50 ms |
| Housing material | Metal |
| Measurement units | Mpa, bar, Kpa, mH2o, kg / cm ² , 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) |

Delivery scope:

1 x Manometer PCE-DPG 100
3 x Batteries 1.5V AAA

1 x Operating instructions