Pressure Data Logger PCE-PDR 10

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Pressure data logger with three sensor connections / SD card / CSV data format / Stand Wall-mounted / Battery-powered / Mains operation / 4 ... 20-mA / LC display / Storage in CSV / Advanced storage interval

The pressure data logger PCE-PDR 10 is a display for measuring pressure. Up to three pressure sensors can be connected to this pressure data logger and synchronously read out and logged. Thanks to the 4 ... 20-mA input signal, many different pressure sensors can be connected. Thanks to the advanced memory interval, measured values can only be stored after a change of ± 10 digits by the pressure data logger. As a result, constant and superfluous measured values are filtered by the pressure data logger. This saves a lot of storage space.

With the stand, the pressure data logger can be positioned freely at a workstation. Due to the included wall mounting set, the pressure data logger can also be fixed to a wall.

Pressure must stay within the set range

Pressure is one of the crucial parameters that must stay within the set range for correct functioning of many systems and healthy environment. Monitoring pressure has become easy with the development of data logger for pressure. A very small and compact device can be placed anywhere where pressure should be under control, both inside and outside. It may be used for professional purposes, like agriculture, industry, farming, transportation, ecological researches, pressure inside the water supply systems, and for private, even including recreational activities. Application of the pressure data logger is a perfect solution, since in spite of the relatively affordable price, a very reliable monitoring equipment provides a significant facilitation of the working process as well as daily life activities: it collects lots of data, which provides sufficient information for analysis. It can be used as a portable device, and placed wherever the pressure should be measured over some period.

- 4 ... 20-mA measuring signal
- Intelligent storage system
- Connection to a PC via RS232
- Wall mounting for permanent installation
- SD card slot for up to 16GB
- Measurement of three pressure sensors simultaneously
- Terminal connection
- Stand for use at a workplace
- Sensors optional!

Specifications:

Measuring range	4 ... 20-mA, linear
Measurement accuracy	± (0.5% + 2d)
Measuring rate	1 s
LC display	60 x 50 mm
Save interval	5, 10, 30, 60, 120, 300, 600, car
(In the storage interval "Auto", the measured value is only saved after a change of ± 10 digits)	
Insertable memory cards	1 ... 16 GB
Erroneously stored measured values	< 0.1% of total memory, typical
outputs	RS232

Power supply through power supply	9 VDC
Power supply by batteries	6 x 1.5V AAA (to power the clock display)
Working conditions	0 ... 50°C / 32 ... 122°F, < 85% rh
Dimensions	132 x 80 x 32 mm / 5.2 x 3.1 x 1.3 in
Weight	199 g / < 1 lb

Delivery Scope

1 x Pressure meter PCE-PDR 10
1 x Power supply 9V 1.0 A
1 x Wall mounting bracket
1 x SD card
1 x Operating instructions

- Sensors optional!