

Technical Data Logger PCE-HPT 1

Data- Logger with Microprocessor PCE-HPT 1

1-channel Data- Logger with 4-wire class A Pt100 sensor / software for transmission and data value / internal Data- Logger

The Data- Logger with microprocessor is a high precision 1-channel temperature gauge. The Data- Logger with microprocessor is ideal for use with various Pt100 sensors. Due to the fact that it uses 4-wire technology has a very fast response time and precision. Therefore, the sensors of the Data- Logger with microprocessor are ideal for all processes that require precision and quick response. The temperature range of the Data- Logger with microprocessor reaches of -100 to +400 ° C. The comprehensive software and easy to use Data- Logger with the microprocessor allows a simple assessment and see the values of a real-time measurement. The internal clock with date and time allows the user to accurately assign the results. The Data- Logger has an internal Data- Logger with adjustable measuring range.

- 1 channel temperature Recorder
- Automatic shutdown
- High accuracy
- Backlight
- Software included
- Internal Data- Logger
- Internal Clock
- class A, 4-wire. Pt100 sensor
- Data-Hold Function
- Selectable units (° C / ° F)

Technical Specifications

Sensors	Measurement range
Measurement range	-100 ... +400 °C
Accuracy	±0,05 % +0,1 °C (between 18 °C y 28 °C) just the device
Resolution	0,01 °C
Sensor	class A, 4-wire. Pt100 sensor
Display	5 positions, LCD
Data transmission	USB

Reproducibility	a measurement value every 0.5 s
Power supply	1x 9V battery or network adapter (optional)
Dimensions	185 x 65 x 36 mm
Weight	360 g,
Operating conditions	0 ... 60 °C, 80% R.H.
Storage conditions	-10 ... 60 °C, 80% R.H.

Delivery content

- 1 x Data- Logger PCE-HPT 1 with microprocessor
- 1 x Pt100 sensor
- 1 x USB cable
- 1 x software,
- 1 x 9V battery
- 1 x user´s manual