

Hygrometer PCE-HT 112



Hygrometer PCE-HT 112

**For temperature and humidity / LCD / 25920 Data memory /
Fast reading via USB / Adjustable alarm limits**

The hygrometer PCE-HT 112 is compact, very small and equipped with a display. The hygrometer PCE-HT 112 records the temperature and humidity inside with its integrated sensor and simultaneously displays it via the LCD display. The hygrometer PCE-HT 112 can store up to 25,920 measured values, which can be evaluated with the aid of the software. To establish a connection to a PC, the hygrometer has a USB interface. The software can also set alarms for high or low temperatures. It is also possible to switch over to the optionally available external sensor via the software.

The hygrometer PCE-HT 112 stores the measured values both in a format that is used by the software for analysis and as a PDF. In the PDF document that the hygrometer creates, a graph showing the course of the measurement is shown. Likewise, an overview of all measured values is displayed directly in the measurement report. The hygrometer has a base and a mounting tab on the back. The display can be switched off for battery saver.

- ▶ Temperature and humidity data logger
- ▶ LCD display
- ▶ Memory for 25,920 readings
- ▶ Fast reading via USB
- ▶ Adjustable alarm limits
- ▶ Internal and opt. external sensor

Specifications

Measuring function	Temperature
Measuring range	-30 ... 65°C / -22 ... 149°F (internal) -40 ... 125°C / -40 ... 257°F (external)
Resolution	0.1°C / 0.18°F
Accuracy	± 0.3°C / 0.54°F (-10 ... 65°C / 14 ... 149°F) ± 0.5°C / 0.9°F (remaining range)
Measuring function	Humidity
Measuring range	0 ... 100% RH (internal & external)
Resolution	0.1% RH
Accuracy	< 3% (10% ... 90%) > 4% (remaining area)
Response time	15 min (internal) 5 min (external)
Storage	25920 readings
Storage rates	30s, 60s, 2 min, 5 min, 10 min, 15 min, 20 min, 25 min, 30 min, 1 h or individually adjustable
Measuring interval / Refresh rate Display	5 s
Alarm	Adjustable audible alarm
Interface	USB
Power supply	3 x 1.5V AAA batteries 5V USB
Battery life	Approx. 1 year (without lighting / without alarm)
Operating conditions	-30 ... 65°C / -22 ... 149°F
Storage conditions	-30 ... 65°C / -22 ... 149°F (without battery)
Dimension	96 x 108 x 20 mm / 3.8 x 4.3 x 0.8 in
Weight	120 g / < 1 lb
Degree of protection	IP20

More information

Manual



More product info



Similar products



Subject to change