

Temperature-Humidity datalogger HT 112

Thermometer PCE-HT 112 **For temperature and humidity / LCD / 25920 Data memory /** **Fast reading via USB / Adjustable alarm limits**

The thermometer PCE-HT 112 is compact, very small and equipped with a display. The thermometer PCE-HT 112 records the temperature and humidity inside with its integrated sensor and simultaneously displays it via the LCD display. The thermometer 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 thermometer 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 thermometer 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 thermometer 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 thermometer 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

Measuring range

Temperature

-30 ... 65°C
/ -22 ... 149°F

(internal)

-40 ... 125°C / -40 ... 257°F (external)

Resolution

0.1°C / 0.18°C

Accuracy

± 0.3°C / 0.54°F (-10 ... 65°C / 14 ... 149°F)
± 0.5°C / 0.9°F (remaining range)

Measuring function

Measuring range

Humidity

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	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

Delivery scope:

- 1 x Thermometer PCE-HT 112
- 3 x 1.5V AAA battery
- 1 x Fastening set (dowel & screw)
- 1 x Micro USB cable
- 1 x Software on CD
- 1 x User manual