

Hygrometer PCE-HT 112



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**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 |

Subject to change