Hygrometer PCE-HT 120

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WIFI thermometer and hygrometer / WLAN and Ethernet interface / LCD display mains operation (AC power adapter) / External PT1000

The WLAN hygrometer PCE-HT 120 is used to measure temperature and humidity. The measurement data from the WLAN hygrometer are displayed in an app on the tablet or smartphone and the display. In addition to measuring air temperature and humidity, the WLAN hygrometer calculates the dew point and wet bulb temperature. Furthermore, a PT1000 sensor can be connected via a socket.

The WLAN thermometer communicates via radio or cable connection. There are several WIFI encryption methods available. The Wi-Fi hygrometer has 2 connection modes. So it is possible to use the wireless thermometer PCE-HT 120 as an access point or as a client in the network. For direct connection an RS232 interface is available on the WLAN hygrometer. The WIFI hygrometer is operated with the plug-in power supply included in the delivery.

▶ Hygrothermometer with WIFI
▶ LCD Display
▶ Access point and client mode
▶ Connection with tablet and smartphone
▶ Wireless and EtherNet interface
▶ Connection for external PT1000 sensor

Specifications

Measuring function	**Humidity**
Measuring range	5 ... 95% RH
Resolution	0.1% RH
Accuracy	< 70% RH: 3% RH
	> 0% RH: ± (3% of rdg. + 1% RH)

Measuring function	**Temperature**
Measuring range	0 ... 50°C / 32 ... 122°F
Resolution	0.1°C / 0.18°F
Accuracy	± 0.8°C / 1.44°F

Measuring function	**Dew point**
Measuring range	-25.3 ... 49°C / -13.5 ... 120°F
Resolution	0.1°C / 0.18°F

Measuring function	**Wet bulb temperature**
Measuring range	-5.4 ... 49°C / 22.3 ... 120.2°F

Measuring function	**PT1000**
Measuring range	-10 ... 70°C / 14 ... 158°F
Resolution	0.1°C / 0.18°F
Accuracy	± 1.2°C / 2.2°F

Display	LC display
Interfaces	RS232 (SOFT-LUT-USB optional)
Ethernet	WLAN / WIFI
Wifi interface	IEEE 802.11b / g / n
	2,412 ... 2,484 GHz
Wifi connection types	Access Point
	Client mode
Encryption types	64, 128, 512 bits
	WEP, WPA-PSK, WPA2-PSK, WPA / WPA2
Power supply	Power supply 9V / 1 A
Current consumption	About 170-mA
Operating conditions	0 ... 50°C / 32 ... 122°F, max. 80% RH
Dimensions	134 x 80 x 32 mm / 5.3 x 3.1 x 1.3 in
Weight	About 222 g / < 1 lb

More information

Manual

More product info

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Subject to change