TEMPERATURE-HUMIDITY LOGGER

PCE-HT110-5-ICA



- **Low battery indication**
- **Programmable date and time**
- **Impact-resistant electrical components**
- **Sturdy, dust- and water-resistant enclosure**
- **.XLS data format (compatible with Microsoft Excel)**
- **Battery powered (optional 9V AC adapter available)**
- **Optional USB data cable incl. software allows real-time data visualization**
- **via PC**
- **incl. ISO-Calibration Certificate**

The Humidity / Temperature Data Logger or Humidity Detector precisely measures air temperature and relative humidity. This accurate and reliable device shows the current measurements on the large LCD display and saves the measurement data directly to an SD card (included). The is equipped with two channels, accommodates an SD card memory of up to 16 GB, offers an adjustable measurement rate / sampling interval, and includes a wall mount, making the device ideal for logging data over an extended period of time.

The Humidity Detector can be used to monitor climate-controlled environments such as supermarket refrigerators, refrigerated / reefer trucks and cold storage units. It is also useful for monitoring home HVAC systems, wood floor installations, cigar humidors, industrial heating and cooling processes, machine operating temperatures and product storage / warehouse conditions.

The comes factory calibrated. For an additional fee, the can be calibrated according to ISO standards.

Specification

Relative humidity	
Measuring range	10 ... 90 %
Resolution	0,1 %
Accuracy	±4 % RH
Temperature	
Measuring range	0 ... 50 °C
Resolution	0,1 °C
Accuracy	±0.8°C
Temperature	
Measuring range	32 ... 122 °F
Resolution	0,18 °F
Accuracy	±1.44°F

General technical data	
Display Typ	LCD
Display size	3 Inch
Storage medium	SD card
Storage capacity	16 GB
Memory capacity Additional information	possible memory cards 1 ... 16 GB / 2 GB memory card included
Storage interval from	5 s
Storage interval until	600 s
Interface	SD card
Operating time	1 Month(s)
Menu language	English (US), English (GB)
Protection class (device)	IP20
Battery/battery	6 x 1,5 V AAA Battery (1,5V) , Alkali-Manganese
Battery capacity	1200 mAh
Operating conditions	0 ... 50 °C , 0 ... 90 %RH
Storage conditions	0 ... 50 °C , 0 ... 90 %RH
Dimensions (L x W x H)	132 x 80 x 32 mm
Weight	282 g

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