THERMO-HYGROMETER

PCE-PTH 10



- **Small and compact design**
- **Measuring range -10 ... 50 °C / 14 ... 122 °F**
- **Various measurement functions**
- **Temperature and humidity sensor**
- **Low power consumption**
- **Selectable units**

The thermo-hygrometer is a measuring device for orienting measurement of temperature and relative humidity. With a temperature measuring range of -10 ... 50 °C and a humidity measuring range of 20 ... 90% RH the thermo-hygrometer covers a wide range of tasks. The thermo-hygrometer is used, for example, to monitor climatic conditions at workplaces, in cold stores or in the environment.

In addition to the normal measuring mode, the thermo-hygrometer has a MIN / MAX function. This means that the thermo-hygrometer can continuously display the largest or smallest measured value. The low power consumption of <10 µA guarantees a long battery life.

Specification

Relative humidity	
Measuring range	0 ... 90 % RH
Resolution	1 %
Accuracy	±15 %
Temperature	
Measuring range	-20 ... +60 °C
Resolution	0,1 °C
Accuracy	±1.0 °C
Temperature	
Measuring range	14 ... 122 °F
Resolution	0,18 °F
Accuracy	±1.8 °F

General technical data	
Measuring functions	MIN, MAX
Display size	1,65 Inch
Measuring rate	0,1 x per second
Current consumption meter	10 µA
Protection class (device)	IP20
(Rechargeable) battery	1 x 1,5 V AG13 , Alkali-manganese
Capacity	140 mAh
Operating conditions	-10 ... 50 °C , 0 ... 90 % RH
Storage conditions	-10 ... 60 °C , 0 ... 90 % RH
Dimensions (L x W x H)	138 x 27 x 19 mm
Weight	40 g

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