HUMIDITY / TEMPERATURE DATA LOGGER SET

PCE-HT71N-5-ICA



- **Storage capacity: 32K**
- **USB port**
- **A software for calculating dew point and analysing data in a computer is**
- **included**
- **Wall mount included in the delivery**
- **Adjustable date/time clock (it loses 3 s / month)**
- **Adjustable measurement quota (2s ... 24h)**
- **Long-life lithium battery**
- **Non-volatile EEPROM**
- **Staus indicated by 2 LEDs (including alarm)**
- **Programmable alarm limits across entire measurement range**

The PCE-HT 71N Data Logger detects air temperature and humidity and stores readings in its internal memory. The Data Logger has a compact format and a wide memory capacity (up to 32,000 values / 16,000 values for each parameter) and it is mainly used as a Data Logger in fields such as supermarket refrigeration units, refrigerated transport, warehouses, and other temperature controlled environments. The Data Logger works as a Data Logger to record climatological data in spaces with controlled ambient conditions. Data can be transferred to a computer or a laptop via the USB port. The PCE-HT 71N Data Logger can be manually activated or can be programmed to start and stop on specific dates and times or to set the intervals at which measurements will be taken, allowing it to be left to record data in situ. Once transferred, data can be analysed on a computer. The software included in the delivery also calculates dew point. The internal clock allows the user to accurately assess the results.

Specification

Relative humidity	
Measuring range	0 ... 100 % RH
Resolution	0,1 % RH
Accuracy	±3 % RH
Temperature	
Measuring range	-40 ... +70 °C
Resolution	0,1 °C
Accuracy	±1 °C

General technical data	
Display type	without display
Storage medium	Internal memory
Storage capacity	32000 Values
Memory capacity (additional information)	16000 per parameter
Storage interval from	2 s
Storage interval to	24 min.
Interface	USB
Operating time	1 Year(s)
Protection class (device)	IP20
(Rechargeable) battery	5 x 3,6 V 1/2 AA 3.6 V LI-$SOCl_2$ (LS 14250) , lithium
Capacity	1200 mAh
Operating conditions	-40 ... 70 °C , 0 ... 100 % RH
Storage conditions	-40 ... 70 °C , 0 ... 100 % RH
Dimensions (L x W x H)	130 x 30 x 25 mm
Weight	20 g

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