

TEMPERATURE / HUMIDITY PROBE

PCE-P18-0A0E0



- » Humidity and temperature sensors
- » simple wall mounting
- » RS-485 interface
- » for permanent monitoring
- » various filters available
- » small dimensions

Measures temperature and humidity / output as standard signal / compact

Modbus RTU interface / wall mounting

The humidity sensor is used in HVAC technology to monitor humidity and temperature. The measured values are output by the humidity sensor via the RS485 interface. In this compact humidity sensor, air humidity and temperature are precisely determined using a semiconductor component. For commissioning, the humidity sensor is supplied via a DC voltage. The measured variables are output via a two-wire line. All connections are made via screw contacts in the waterproof IP 65 housing. This function is particularly useful if several measuring points are to be linked to one another during your home surveillance.

Specification

Relative humidity

Measuring range up to 0 ... 9 %RH

Resolution 1 %RH

Accuracy $\pm 3\%$ RH

Temperature

Measuring range up to -20 ... +60 °C

Accuracy $\pm 0.7\%$ of range

General technical data

Display Typ without display

Data interface RS485

Protection class (device) IP65

Power supply 19 ... 30 V DC

Operating conditions -30 ... 85 °C, 0 ... 95 %RH

Storage conditions -30 ... 85 °C, 0 ... 95 %RH

Dimensions (W x H x D) 35 x 58 x 118 mm

Weight 125 g