

NTC - Humidity/ temperature sensor

pluggable



Application:

The humidity/temperature sensor is suitable for measuring temperature and relative humidity in storage, refrigeration and work rooms or in the air conditioning/ventilation duct. Assessing thermal comfort, ensuring process climate in clean room, checking correct environmental conditions in product facilities for compliance with quality standards. The humidity/temperature sensor is connected to the measuring instrument or data logger by simple insertion.

Version:

- Sensor type: NTC
- Measuring range, temperature: -30 to +50 °C
- Accuracy of temperature: $\pm 0.5^{\circ}\text{C}$
- Measuring range humidity: 0 to +100 %rF
- Accuracy of humidity: $\pm 2\% \text{rF}$ at +25 °C (+2 to +98 %rF)
- Accuracy of humidity: $\pm 0.03\% \text{rF/K}$ (k=1)
- Long-term stability: $\pm 1\% \text{rF/year}$
- Length/diameter of probe/sensor tube: 115 mm/20 mm
- Diameter of probe/sensor tube tip: 12mm

Advantage:

- Measures air temperature and humidity quickly and reliably
- Flexible use at the measuring location thanks to cable connection to the data logger
- Intelligent calibration concept



Art. no.	46108 520
Sensor type	NTC
Probe type	Humidity/temperature sensor
Min./max. temperature measuring range	-30 to 50 °C
Accuracy temperature	+/- 0.5 °C
Min./max. humidity (rF) of measuring range	0-100 %
Accuracy humidity	+/- 2 %rF (2 up to 98 %rF) (at +25 °C), +/- 0,03 %rF/K (k=1), Long-term stability: +/- 1 %rF / Year
Diameter probe tube	20 mm
Diameter sensor tube tip	12 mm
Length sensor tube	115 mm

EAN-Code

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