

Humidity/ temperature probe with cable

Measure relative humidity and temperature extremely precisely: with the digital humidity and temperature probe with a cable length of 1.3 m.



Technical data

Temperature - NTC

Measuring range	-30 to +70 °C
Accuracy	±0.5 °C

Humidity - Capacitive

Measuring range	0 to 100 %RH
Accuracy	long-term stability: ±1 %RH / year ±0.03 %RH/K (k=1) *The sensor accuracy corresponds to the system accuracy. ±2 %RH at +25 °C (+2 to +98 %RH)

General technical data

Length probe shaft	12 mm
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Delivery Scope:

1 x humidity/temperature probe with cable, cable length 1.3 m 0572 2155.

Measures air temperature and humidity quickly and reliably

Flexible application at the measurement site thanks to cable connection to the data logger

Intelligent calibration concept

Measurement range: humidity 0 to 100% relative humidity; temperature -30 to +70 °C

The humidity/temperature probe is suitable for measuring temperature and relative humidity in storerooms, cold storage areas and work rooms or in air conditioning/ventilation ducts.

The humidity/temperature probe is connected to the instrument/data logger by simply plugging in.

The applications at a glance

Use the high-precision humidity and temperature probe (with an appropriate measuring instrument) for the following applications:

- Measuring the relative humidity and temperature in storage, refrigerated and work areas or in air conditioning/ventilation ducts
- Assessing thermal comfort
- Ensuring the process climate in cleanrooms
- Checking the correct ambient conditions in production facilities to comply with quality standards.

Always reliable measurement results

Thanks to the good air flow, the humidity sensor for measuring relative humidity has a considerably faster response time in comparison to a humidity sensor installed in a housing. Thanks to its long-term stability, you can still count on measurement results that are reliable and correct, even after years of use

Intelligent calibration concept

The humidity/temperature probe offers the highest digital measurement certainty. The digital probe allows readings to be processed directly in the probe. This technology eliminates instrument measurement uncertainty. The probe can be sent in for calibration on its own (without the data logger).