

HUMIDITY / TEMPERATURE MEASURING SENSORS



TFS 0100 E

Item No. 601488

Air humidity/temperature sensor for GMH 33xx, interchangeable, without loss of accuracy 0.0..100.0 % RH

GENERAL:

Hand probe for universal use
Protective cap with integrated stainless steel gauze filter for good mechanical protection and still optimal air flow for quick measurements in ambient air

TECHNICAL SPECIFICATIONS:

Measuring ranges

Humidity:	0.0..100.0 % RH (rec. Application range: 10..90 % RH)
Temperature:	-40.0 .. + 120.0 °C (note the working temperature of the electronics)

Accuracy (at nominal temperature = 25 °C)

Humidity:	± 2.5 % RH (in the range 10..90 % RH)
Temperature:	± 0.5 °C

Sensors

Humidity:	capacitive polymer humidity sensor
Temperature:	Pt1000, DIN class AA

Electronics: Circuit board with measured value processing and data memory for sensor data (calibration, etc.) is integrated in the handle.

Working temperature: Handle and electronics: -25 .. + 60 °C Sensor head and probe tube: -40 .. + 100 °C (briefly up to 120 °C)

Relative humidity: 0 .. + 100 % RH

Dimensions: Probe tube: Ø 14 x 119 mm, plastic handle: Ø 19 x 135 mm, approx. 1.2 m PVC connection cable with 6-pole mini-DIN plug

Weight: approx. 90 g

Scope of delivery: Sensor, operating instructions

VARIANT:

TFS 0100 E-POR

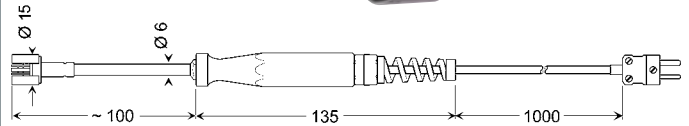
Item No. 603438

Air humidity/temperature sensor for GMH 33xx With plastic pore filter for use in dusty environments and also in powder paints and granulates



TFS 0100 E-POR with plastic pore filter

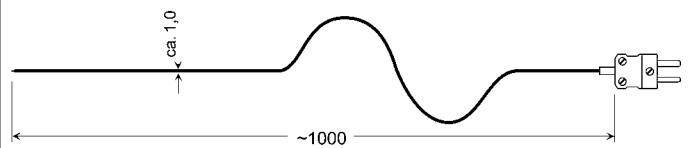
SURFACE TEMPERATURE MEASURING SENSORS



GOF 400VE

Item No. 600496

Surface probe with thermocouple spring, antibuckling glanding, fast, fast response surface probe for walls, floors, etc.



GTF 300

Item No. 600072

Wire probe, Type K (NiCr-Ni), within seconds, for universal applications (including surface measurement)