

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**

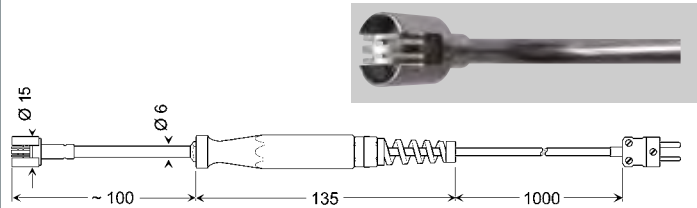
Item No. 603438

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



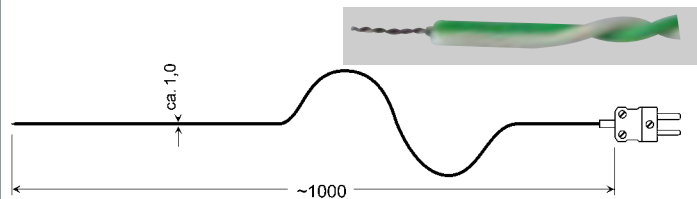
TFS 0100 E-POR with plastic pore filter

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)