

MEASURING PROBES HUMIDITY / TEMPERATURE

**TFS 0100 E**

Art. no. 601488

(0.0 ... 100.0 % RH)

Humidity / Temperature probe für GMH 3330 & 3350, exchangeable without any loss in accuracy

General:

Hand sensor for universal application; cap with integral stainless steel gauze filter for good mechanical protection and despite optimum airflow also for fast measurements in ambient air

Specifications:**Measuring ranges**

Humidity:	0.0 ... 100.0 % RH (rec. range of application: 11 ... 90 % RH)
Temperature:	-40.0 ... +120.0 °C (attention: working temperature of electronics!)

Accuracy (at nominal temperature = 25 °C)

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

Sensors

Humidity:	capacitive polymer humidity sensor
Temperature:	Pt1000, DIN cl. AA

Electronics: PC board with amplifier and data memory for sensor data (calibration, etc.) integrated in probe handle.**Working temperature:** handle and electronics: -25 ... +60 °C
sensor head and tube: -40 ... +100 °C
(for short time 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-pin Mini-DIN-plug**Weight:** approx. 90 g**Scope of supply:** Sensor, manual**Variant:****TFS 0100 E-POR**

Art. no. 603438

Humidity / Temperature probe für GMH 3330 & 3350
with plastic paper filter for use in dusty environments
and also in powder colors and granulates

MEASURING PROBES SURFACE TEMPERATURE

GOF 400VE

Art. no. 600496

(p.r.t. page 31)

Surface probe with tc spring, fast, quick-response surface probes for walls, floors etc.

GTF 300

Art. no. 600039

(p.r.t. page 33)

Quick-response basic thermocouple probe for universal applications
(surface measurement)

MEASURING PROBES FLOW SPEED / WATER

**STS 005**

Art. no. 602396

(0.05 ... 5.00 m/s)

Flow speed meas. probe for GMH3330 & GMH3350, exchangeable without any loss in accuracy

Specifications:

Sensor type:	windmill-type anemometer
Measuring range:	0.05 ... 5.00 m/s (water)
Accuracy:	±1 % of range ±3 % of meas. value (at nominal temperature = 25 °C)
Permiss. angle flow:	±20°, without additional measuring faults
Working temperature:	0 ... +70 °C
Relative humidity:	0 ... +100 % RH (non-condensing)
Dimensions:	Probe head: Ø 11 x 15 mm, tube: Ø 15 mm, overall length 165 mm, required insertion opening: Ø 16 mm, approx. 5 m PVC connection cable with 6-pin Mini-DIN-plug
Weight:	approx. 75 g
Scope of supply:	Sensor, manual

Accessories and spare parts:**STE 005**

Art. no. 602406

Spare snap-on head for STS 005



MEASURING PROBES FLOW / AIR

**STS 020**

Art. no. 602397

(0.55 ... 20.00 m/s)

Flow measuring probe with snap-on head, calibrated and exchangeable.

Specifications:

Sensor type:	windmill-type anemometer
Measuring range:	0.55 ... 20.00 m/s (air)
Accuracy:	±1 % of range ±3 % of meas. value (at nominal temperature = 25 °C)
Permiss. angle flow:	±20°, without additional measuring faults
Working temperature:	-10 ... +80 °C
Relative humidity:	0 ... +100 % RH (non-condensing)
Dimensions:	Probe head: Ø 11 x 15 mm, tube: Ø 15 mm, overall length 165 mm, required insertion opening: Ø 16 mm, approx. 5 m PVC connection cable with 6-pin Mini-DIN-plug
Weight:	approx. 75 g
Scope of supply:	Sensor, manual

Accessories and spare parts:**STE 020**

Art. no. 602519

Spare snap-on head for STS 020

