Meas. probes for GMH 3330 and GMH3350

humidity / temperature



Humidity/temperature:

TFS 0100 E (0,0 ... 100,0 % r.h.)

Temperature-/humidity probe, calibrated and exchangeable

Specification :

Meas. ranges:

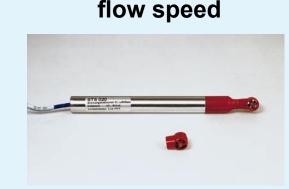
Humidity: 0,0 100,0 %RH (rec. range of application: 1190%RH)	Ме
Temperature: -40,0 +120,0 °C (attention: working temperature of	Ac
electronics!)	Pe
Accuracy: (at nominal temperature = 25°C)	Wo
Humidity: ±2%RH linearity, ±1% hysteresis	Re
Temperature: ±0.5 °C	Dir
Sensors:	165
Humidity: capacitive polymer humidity sensor	tion
Temperature: Pt1000, 1/3 DIN	We
Electronics: PC board with amplifier and data memory for sensor	
data (calibration, etc.) integrated in probe handle.	Ai
Working temperature:-25 to +60°C (handle and electronics)	
-40 to +120°C (for short time up to +120°C) (sensor head and tube)	S
Relative humidity: 0 to +100%RH	Flo
Dimensions: Probe tube: Ø14 x 119 mm, plastic handle: Ø19 x 135 mm,	110
approx. 1m PVC conn. cable with 6-pin Mini-DIN-plug	<u>Sr</u>
Weight: approx. 90g	Se
	Me
	Ac



Surface temperature:

GOF 400VE (p.r.t. page 88) Quick-response surface probes for walls, floors etc.

GTF 300 (p.r.t. page 89) Quick-response basic thermocouple probe for logger applications, etc. (with GMH3350)



Water:

STS 005 (0,05 ... 5,00 m/sec.) Flow measuring probe with snap-on head, calibrated and exchangeable.

Specification :

Sensor type: windmill-type anemometer eas. range: 0,05 ... 5,0 m/sec.

ccuracy: ± 1 % of range ± 3 % of meas. value (at nominal temperature) ermiss. angle flow: ±20°, without additional meas. faults orking temperature:0 to +70°C

elative humidity: 0 to +100%r.h. (non-condensing) mensions: Probe head: Ø 11 x 15mm, tube: Ø 15 mm overall length 5 mm, required insertion opening: Ø 16 mm, approx. 5m PVC connecn cable with 6-pin Mini-DIN-plug

eight: approx. 75g

ir:

TS 020 (0,55 ... 20,00 m/sec.) ow measuring probe with snap-on head, calibrated and exchangeable.

pecification :

ensor type: windmill-type anemometer eas. range: 0,55 ... 20,00 m/sec. ccuracy: ±1 % of range ± 3% of meas. value (at nominal temperature) Permiss. angle flow: ±20°, without additional meas. faults

Working temperature:0 to +70°C

Relative humidity: 0 to +100%r.h. (non-condensing) Dimensions: Probe head: Ø 11 x 15mm, tube: Ø 15 mm overall length 165 mm, required insertion opening: Ø 16 mm, approx. 5m PVC connection cable with 6-pin Mini-DIN-plug Weight: approx. 75g

Spare parts and accessories:

STE 005 Spare snap-on head for STS 005

STE 020 Spare snap-on head STS 020

GTS Telescopic rod (overall length 1 m) Please specify when ordering - no retrofit assemblage possible!

picture shows GTS with assembled STS020