

HUMIDITY/ TEMPERATURE / DEW POINT METER



HIGHLIGHTS:

- Possibility to connect an external Pt1000 temperature sensor
- Humidity/temperature and dew point measurement with one device

GFTH 200

Item No. 600249
Hygro-/thermometer

GENERAL:
Due to the low power consumption and the integrated min / max value memory, the GFTH 200 is also suitable for long-term monitoring of temperature, humidity and dew point.

TECHNICAL SPECIFICATIONS:	
Measuring ranges	
Temperature:	-25.0 .. + 70.0 °C; -13.0 .. + 158.0 °F
% RH:	0.0..100.0 % RH (recommended range: 11..90 % RH)
Td: (dew point)	-40.0 .. + 70.0 °C or -40.0 .. + 158.0 °F
Resolution:	0.1 % RH, 0.1 °C or 0.1 °F
Accuracy (± 1 digit) (at nominal temperature = 25 °C)	
Temperature (internal):	± 0.5 % of reading ± 0.1 °C
Temperature (external):	0.1 °C (device) + accuracy of the probe
Moisture:	± 2.5 % RH (in the range 11..90 %)
Probe	
Temperature:	Pt 1000
Humidity:	capacitive polymer humiditysensor
Response time T ₉₀ :	10 s
External sensor socket:	For connecting an external Pt1000 sensor with a 3.5 mm jack plug, suitable sensors: page 22-25
Display:	3½-digit, 13 mm high LCD display
Control elements:	3 membrane keys for ON/OFF, min/max value query, hold. Side slide switch for selecting the measured variable.
Nominal temperature:	25 °C
Working conditions	
Electronics:	-25 .. + 70 °C; 0..80 % RH (not condensing)
Sensors:	-25 .. + 70 °C; 0..100 % RH
Power supply:	9 V battery
Battery life:	> 2 years with 1 measurement/60 s approx. 120 days with 1 measurement/s (FAST mode)
Housing:	Housing made of impact-resistant ABS
Dimensions:	approx. 106 x 67 x 30 mm (H x W x D), additionally protruding sensor head on the front, 35 mm long, 14 mm Ø, total length 141 mm
Weight:	approx. 135 g including battery
Scope of delivery:	Device, battery, operating instructions

ACCESSORIES OR SPARE PARTS:
GOF 175 Mini
Item No. 600436
Surface probe for solid surfaces

additional temperature sensors upon request

GKK 252
Item No. 601056
Case with knob foam for universal use, 235 x 185 x 48 mm (W x H x D)
ISO-WPF4
Item No. 602543
ISO calibration certificate, Factory calibration air humidity, test points humidity: 20.40.60.80 % RH \ n test point temp.: Approx. 23 °C

GFN 11
Item No. 475197
Humidityreference cell including adapter for TFS/GHTU, 11 % RH
GFN 33
Item No. 475198
Humidity reference cell including adapter for TFS/GHTU, 33 % RH

GFN 75
Item No. 475199
Humidity reference cell including adapter for TFS/GHTU, 75 % RH



COMPLETE PACKAGE



GFTH 200-WPF4
Item No. 602678
Complete package with ISO-WPF4 (~ 20 %/~ 40 %/~ 60 %/~ 80 % RH increasing and decreasing) and case GKK 252