

GFTH 200

Digital-hygro/thermometer

humidity, temperature, dew point measuring Device

Because of the lower consumption and the integrated min/max value memory, the GFTH 200 is perfectly suitable for long term climate surveillances.

Advantages GFTH 200

- **Relative humidity, temperature and dew point** in just one instrument.
- High accuracy by means of digital works calibration
- min-/max value memory for all measurements
- External Pt1000 temperature probe connectable
- Offset and slope correction for easy adjustment
- Extrem low power consumption



GFTH 200 with
extern temperature
probe Pt1000

Measuring range	
Temperature	-25°C ... + 70°C, -13.0... + 158°F
% RH	0,0 100,0% H.R. (recommended range : 11- 90% H.R.)
(TD) dew point	-40,0 ...+ 70,0°C
Resolution	
Resolution	0,1% RH ; 0,1°C
Accuracy ± 1 digit (at nominal temperature = 25°C)	
Temperature internal	± 0,5% of m.v. ±0,1°C (idem Pt1000 1/3 DIN)
Temperature externe	0,1°C (device) + probe accuracy
Humidity	±2,5% RH. (for range 11 à 90%)
Measuring probe	
Temperature	Pt1000
Humidity	capacitive polymer humidity sensor
Response time	T90 = 10 sec
Terminal for extern probe	for connection of any Pt1000 probes with 3.5 mm mono plug

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Specification	
Display	LCD, 3,5 digit, 13 mm high
Operation elements	3 keys for on/off, min/max value display and hold. Slide switch for selection of measuring range,
Nominal temperature	25°C
Operating conditions electronic	-25 ... 70°C ; 0...80% R.H. (non-condensing)
Operating conditions sensors	-25 ... 70°C ; 0...100% RH.
Power supply	Battery 9V type IEC 6F22
Power consumption	approx 9 µA at 1 measurings/60s, approx 100 µA at 1 measuring/s (mode fast)
Low battery warning	«BAT»
Min/max value memory	Min and max measuring values are stored for all 3 ranges
«Hold» key	The current measuring will be frozen (for all three ranges).
Housing	Impact resistant ABS-housing; 106 x 67 x 30 mm, plus sensor head protruding at the longer side, 35 mm long, ø 14mm, ie overall lenght 141 mm
Weight	Approx 135 g (battery incl)

Accessories:

GOF 175 mini	Temperature probe for surface temperature measuring	Fr. 85.00 HT
GKK 252	plastic case (235 x 185 x 48 mm)	Fr. 22.00 HT
GKK 3000	plastic case (275 x 229 x 83 mm) e	Fr. 29.00 HT



GKK 3000



GKK 252