Thermo-hygrometer



code: C3631

High accuracy thermometer - hygometer. Audio and optical alarm of measured temperature.
Minimum/maximum memory. memory of minimum and maximum temperature included traceable calibration certificate. LCD backlight.

Simultaneous reading of temperature and relative humidity, dew point temperature reading selectable, external temperature-humidity probe with 1meter cable. Cable lengths 2 and 4 meters available optionally.

Technical data

TEMPERATURE SENSOR	
Measuring range	-10 to +60 °C
Accuracy	±0.4 °C
Resolution	0.1 °C
TEMPERATURE SENSOR - external probe Ni1000	
Measuring range	-50 to +250 °C
Accuracy	±0.2°C from -50 to +100°C ±0.2% from reading from +100 to +250°C
Resolution	0.1 °C
HUMIDITY SENSOR	
Measuring range	5 to 95 % RH
Accuracy	±2.5 % RH from 5 to 95 % at 23 °C
Resolution	0.1% RH
DEW POINT	
Measuring range	-40 to +60 °C
Accuracy	±1.5 °C at ambient temperature T <25 °C and RH >30 %
Resolution	0.1 °C
GENERAL TECHNICAL DATA	
Operating temperature	-10 to +60 °C
Channels	internal temperature and humidity sensor, 1x external temperature probe
Acoustic signalization + backlit LCD	YES
Measuring interval and display reading refresh	0.7 to 5 s
Power	battery 9 V or 12 Vss adaptor with NiMH 9 V battery
Battery life	approx. 4 months
Protection class	IP20
Dimensions (without connectors)	191 x 71 x 27 mm
Weight (including batteries)	approx. 155 g
Warranty	3 years