Thermo-hygro-barometer with external probe



code: C4141

High accuracy thermometer - hygometer - barometer.

Audio and optical alarm of measured temperature. Minimum/maximum memory. memory of minimum and maximum temperature included traceable calibration certificate. LCD backlight.

With external air temperature-humidity probe on a 1 meter cable. Cable lengths 2 and 4 meters available optionally. Probe diameter is 18mm, length 135mm. Built-in indoor temperature and air pressure sensors.

Technical data

TEMPERATURE SENSOR	
Measuring range	-10 to +60 °C (internal); -30 to +105 °C (external)
Accuracy	±0.4 °C
Resolution	0.1 °C
HUMIDITY SENSOR	
Measuring range	5 to 100 % RH
Accuracy	±2.5 % RH from 5 to 95 % at 23 °C
Resolution	0.1% RH
DEW POINT	
Measuring range	-50 to +80 °C
Accuracy	±1.5 °C at ambient temperature T <25 °C and RH >30 %
Resolution	0.1 °C
ATMOSPHERIC PRESSURE SENSOR	
Measuring range	800 to 1100 hPa
Accuracy	±2hPa at 23°C
Resolution	0.1 hPa
GENERAL TECHNICAL DATA	
Operating temperature	electronics -10 to +60 °C, external probe -30 to +105 °C
Channels	internal sensor of temperature and atmospheric pressure, 1x connectable temperature+humidity 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; length/diameter of external probe 135/18 mm
External probe cable length	1 meter

Weight (including batteries)	approx. 155 g
Warranty	3 years