

Thermo-hygrometer

code: C3631



High accuracy thermometer - hygrometer. 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

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| 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 |