

Thermo-hygro-barometer with external probe

code: C4141



High accuracy thermometer - hygrometer - 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

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| 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 |

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| 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 |