

# 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   |

|                                 |  |
|---------------------------------|--|
| Dimensions (without connectors) | 191 x 71 x 27 mm; length/diameter of external probe<br>135/18 mm |
| External probe cable length     | 1 meter  |
| Weight (including batteries)    | approx. 155 g  |
| Warranty                        | 3 years  |