

Thermo-hygrometer for compressed air measurement

code: C3121P



Thermometer, hygrometer is designed for direct measurement of temperature, relative humidity for compressed air up to 25 bars with 1m cable. Audio and optical alarm of measured values. Memory of minimum and maximum measured values. Function Hold - manual storing of actual values for later displaying.

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 | -30 to +105 °C |
| Accuracy | ±0.4 °C |
| Resolution | 0.1 °C |
| HUMIDITY SENSOR | |
| Measuring range | 0 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 |
| GENERAL TECHNICAL DATA | |
| Operating temperature | electronics -10 to +60 °C, external probe -30 to +105 °C |
| Channels | 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 electronics, IP40 sensors |
| Dimensions (without connectors) | 141 x 71 x 27 mm |
| External probe cable length | 1 meter |
| Weight (including batteries) | approx. 150 g |

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| Warranty | 3 years |
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