

## Thermo-hygrometer for compressed air measurement, cable 2 meters

code: C3121P-2



Thermometer, hygrometer is designed for direct measurement of temperature, relative humidity for compressed air up to 25 bars with 2 meters 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 2 meters cable.

### Technical data

|                                                |                                                          |
|------------------------------------------------|----------------------------------------------------------|
| 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                    | 2 meters                                                 |
| Weight (including batteries)                   | approx. 150 g                                            |

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| Warranty | 3 years |
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