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

Warranty	3 years