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

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
Warranty	3 years