Temperature and humidity probe with RS232 output



code: T3313

Humidity, temperature transmitter. Outdoor, indoor use. Duct mount.

Relative humidity, temperature sensors at 150mm stem. Measured values are also converted to other humidity interpretation: dew point temperature, absolute humidity, specific humidity, mixing ratio, specific enthalpy.

Technical data

TEMPERATURE SENSOR	
Measuring range	-30 to +125 °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	-60 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	-30 to +80 °C
Channels	internal temperature and humidity sensor
Counted values	dew point, absolute humidity, specific humidity, mixing ratio, specific enthalpy
Output	RS232
Range of humidity sensor temperature compensation	all temperature range
Available temperature units	degrees Celsius, degrees Fahrenheit
Communication protocol	ModBus RTU and Advantech ADAM compatible protocol
Power	9-30 Vdc
Protection class	IP65 electronics; IP40 sensors
Dimensions	88,5 x 250 x 39,5 mm; stem length 150 mm
Weight	approx. 150 g
Warranty	3 years