Industrial temperature and humidity transmitter - RS232 output



code: T3319

Humidity, temperature transmitter. Outdoor, indoor use.

Humidity, temperature probe on a cable. Measured values are also converted to other humidity interpretation: dew point temperature, absolute humidity, specific humidity, mixing ratio, specific enthalpy.

The device is supplied with T+RH probe with 1 meter 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	-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	1x connectable temperature+humidity probe
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 145 x 39,5 mm; length/diameter of external probe 88/18 mm
External probe cable length	1 meter
Weight	approx. 210 g
Warranty	3 years