Interior temperature, humidity, bar. pressure transmitter - RS485 output

code: T7418

Ambient temperature, humidity, atmospheric pressure transmitter. Indoor use. E.g. for environmental monitoring.
For exacting interiors in building energy management and HVAC systems. Are designed for easy installation on ordinary KU68 wiring boxes for household switches and sockets.

Technical data

TEMPERATURE SENSOR	
Measuring range	-10 to +50 °C
Accuracy	±0.5 °C
Resolution	0.1 °C
HUMIDITY SENSOR	
Measuring range	5 to 95 % RH
Accuracy	± 2,5 % RH in the range 5 to 60 % RH
Resolution	0.1% RH
DEW POINT	
Measuring range	-60 to +80 °C
Accuracy	±1.6°C at ambient temperature T<25°C and RH>30%
Resolution	0.1 °C
ATMOSPHERIC PRESSURE SENSOR SENSOR	
Measuring range	600 to 1100 hPa
Accuracy	±1.3 hPa at 23 °C from 800 to 1100 hPa
Resolution	0.1 hPa
GENERAL TECHNICAL DATA	
Operating temperature	-10 to +50 °C
Channels	internal sensor of temperature, humidity sensor and atmospheric pressure
Counted values	dew point, absolute humidity, specific humidity, mixing ratio, specific enthalpy
Output	RS485
Range of humidity sensor temperature compensation	all temperature range
Available temperature units	degrees Celsius, degrees Fahrenheit
Available pressure units	hPa, kPa, mbar, mmHg, inHg, inH2O, PSI, oz/in2
Communication protocol	ModBus RTU, ARION, Advantech ADAM
Power	9 to 30 Vdc

Protection class	IP20
Dimensions	88 x 106 x 33 mm
Weight	approx. 150 g
Warranty	3 years