Interior temperature, humidity transmitter with RS485 output



code: T3418

Ambient humidity, temperature transmitter. Indoor use.

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
GENERAL TECHNICAL DATA	
Operating temperature	-10 to +50 °C
Channels	internal temperature and humidity sensor
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
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