

Temperature transmitter and regulator with RS485 output

code: H0430



Ambient temperature transmitter with two relay outputs. Outdoor, indoor use.

Built-in temperature sensor.

Temperature transmitter is equipped with three two-state inputs for detection of two-state signals - e.g. power presence, water, smoke, airflow, glass break detection, door contact.

Technical data

TEMPERATURE SENSOR	
Measuring range	-30 to +80 °C
Accuracy	±0.4 °C
Resolution	0.1 °C
RELAY OUTPUTS	
Quantity	2
Maximal voltage	50 V
Maximal current	2 A
Maximal power	60 VA
BINARY INPUTS	
Quantity	3
Signal for binary input	dry contact, open collector or two-state voltage signal. Inputs are not galvanically isolated.
Minimum pulse duration on binary input	500 ms
Voltage across open contact	< 3,3 V
Low voltage level	0 to +0,5 V
High voltage level	+3,0 to +30 V
GENERAL TECHNICAL DATA	
Operating temperature	-30 to +80 °C
Channels	internal temperature and humidity sensor
Acoustic alarm	from built-in beeper - switchable
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	9-30 Vdc
Protection class	IP65 electronics; IP40 sensors

Dimensions	136 x 159 x 45 mm; length/diameter of external probe 88/18 mm
Weight	approx. 500 g
Warranty	3 years