Temperature transmitter with RS485 output



code: H4431

Temperature transmitter for Pt1000 sensors with two relay outputs.
Outdoor, indoor use.
For external Pt1000 temperature probe. Three two-state inputs.

Technical data

TEMPERATURE SENSOR - external probe Pt1000	
Measuring range	-200 to +600 °C
Accuracy	±0.2 °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 inputy	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	1x external temperature probe
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 160 x 45 mm; stem length 75mm
Weight	approx. 350 g
Warranty	3 years