Thermometer with Ethernet interface and relays



code: H4531

Temperature Ethernet sensor for Pt1000 sensors with two relay outputs.

Sensor H4531 is designed for online monitoring of temperature. Three binary inputs to detection of two-states signals are the advantage. Other devices are controlled by two relay outputs.

Processing and analysis of measured data:

- online in COMET Cloud
- COMET Database software
- integration into 3-party systems

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	Ethernet
Measuring interval	2 s
Range of humidity sensor temperature compensation	all temperature range
Available temperature units	degrees Celsius, degrees Fahrenheit
Communication protocol	WWW, ModbusTCP, SNMPv1, SOAP, XML
Alarm protocols	E-mail (SMTP authentication is supported), SNMP Trap, Syslog

Power	9-30 Vdc
Protection class	IP40
Dimensions	136 x 117 x 45 mm
Weight	approx. 340 g
Warranty	3 years