

## Thermometer with Ethernet interface and relays

code: H0530



Ambient temperature Ethernet sensor with two relay outputs.

Sensor H0530 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                     |   |
| 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.<br>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 sensor   |
| Acoustic alarm                         | from built-in beeper - switchable   |
| Output                                 | Ethernet  |
| Measuring interval                     | 2 s   |
| 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 191 x 45 mm; stem length 53 mm |
| Weight           | approx. 340 g                        |
| Warranty         | 3 years                              |