

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

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| 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 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 | 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 |

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| Dimensions | 136 x 160 x 45 mm; stem length 75mm |
| Weight | approx. 350 g |
| Warranty | 3 years |