

1-channel temperature transducer

μ CAN.1.ti-OEM

1-channel temperature acquisition module for thermocouples and Pt100 / Pt1000

The module μ CAN.1.ti-OEM is configured to acquire decentralized temperature signals.

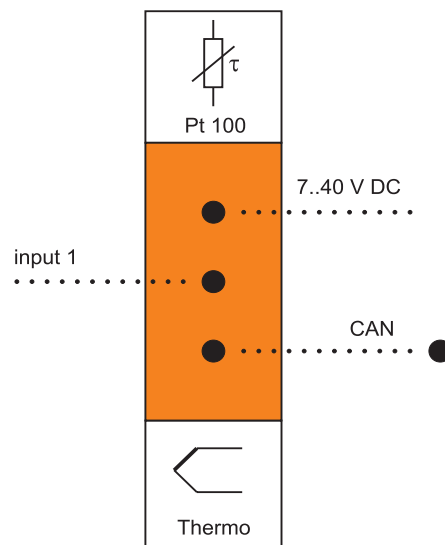
It can be placed right next to the sensor head. The installation into other cases is possible as well.

The μ CAN.1.ti-OEM is installed close to the analogue signals. These are transmitted to the μ CAN.1.ti-OEM via short lines, then digitalized and transmitted by the CAN-interface to a master.



Features

- installation right next to / in the sensor
- acquisition of the temperature input with a resolution of 16 Bit
- Pt100 as well as thermosignals Typ J, K and L
- Standard-protocol: CANopen DS-404
- easy communication with other Bus-devices via CAN-interface
- display of device status by LEDs



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Technical Data	temperature transducer μCAN.1.ti-OEM
Channels	1
Supply Voltage	7...40 V DC
Power Consumption	40mA @ 24V DC
Galvanical Isolation	channel/control voltage.: 500Veff, fieldbus/control voltage.:500Veff (optional none)
Working Temperature	-25°C...+ 70°C (others on request)
Supported Bitrates	10kBit/sec to 1MBit/sec
Protocol	CANopen DS-404 / DeviceNet / customer specific CAN
Number of PDO (CANopen)	2 transmit PDOs
Configuration	sensor character about the fieldbus bitrate and module address by hex-coder
Status Indicator	1 LED status information by blink mode
Blank	31 x 69 mm
Resolution / Sampling Rate	16 Bit / 20ms
Signal Type / Input Error @23°C ambient temperature	thermo signals type J,K,L with neutralise compensation -200°C...+1.200°C,annulment 0,1K, accuracy +/- 0,1K Pt100 -100°C...+850°C,annulment 0,1K, accuracy +/- 0,1K Pt100 -100°C...+850°C,annulment 0,1K, accuracy +/- 0,1K other signal types on request

Order Number	Description
13.02.000	μ CAN.1.ti-OEM 1-channel temperature transducer with CANopen, signal type thermo J, K, L and Pt100. Installation right next to the sensor head.
13.02.9xx	μ CAN.1.ti-OEM manual in English.

Changes without notice