

Temperature measuring transducer - MINI MCR-SL-PT100-UI-200 - 2864309

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



MCR temperature transducer, can be configured, for Pt 100 temperature sensors, with screw connection, order configuration. Replacement part: 2902048 MINI MCR-2-RTD-UI-C.

Product Description

The narrow 6.2 mm MINI MCR-SL-PT100-UI-200... is a configurable, 3-way isolated temperature transducer. It is suitable for connecting Pt 100 resistance temperature detectors in accordance with IEC 60751 in 2-, 3-, and 4-conductor connection technology. The measuring range can be configured from -50°C to +200°C via DIP switches.

Electrically isolated 0 ... 20 mA, 4 ... 20 mA, 0 ... 10 V, 0 ... 5 V, 1 ... 5 V, 10 ... 0 V, 20 ... 0 mA or 20 ... 4 mA standard analog signals are available on the output side.

The DIP switches, which can be accessed on the side of the housing, are used to configure the following parameters:

- Connection technology
- Temperature range to be measured
- Output signal
- Type of error evaluation

Power (19.2 V DC to 30 V DC) can either be supplied via the connection terminal blocks of the modules or in conjunction with the DIN rail connector.

Your advantages

- ✓ Power supply possible via the foot element (TBUS)
- ✓ Optimized temperature measuring range of -50°C to +200°C for increased accuracy
- ✓ For 2-, 3-, 4-conductor Pt 100 sensors in accordance with IEC 60751
- ✓ Error indication via diagnostic LED and analog signal
- ✓ Pt 100 signals to create standard signals
- ✓ 3-way isolation
- ✓ Highly-compact temperature transducer for electrical isolation, conversion, amplification, and filtering of
- ✓ Input and output signals can be configured via DIP switches



Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 142496

Temperature measuring transducer - MINI MCR-SL-PT100-UI-200 - 2864309

GTIN	4046356142496
Weight per Piece (excluding packing)	100.000 g
Custom tariff number	85437090
Country of origin	Germany