INDUSTRIAL COMPONENT DATA

MINI MCR-SL-PT100-UI-200-NC 2864370 PHOENIX CONTACT Temperature measuring transducer

Brand: PHOENIX CONTACT | Manufacturer Part Number: MINI MCR-SL-PT100-UI-200-NC



Manufacturer	PHOENIX CONTACT
MPN / Reference	MINI MCR-SL-PT100-UI-200-NC
Catalog number	2864370
Category	Temperature transformer
Minimum order	1 Pcs
Document ID	EO-16BC696102
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Product Overview

Temperature measuring transducer
MCR temperature converter, configurable, for Pt 100 temperature sensors, screw connection, not configured
MCR temperature transducer, configurable, for Pt 100 temperature sensors, with screw-connection, not configured

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path	PHOENIX CONTACT > INTERFACE Components (IF)

Additional Product Information

Technical dataNotesUtilization restriction
EMC note EMC: class A product, see manufacturer's declaration in the download area
Product propertiesProduct type Temperature transmitter
Product family MINI Analog
Configuration DIP switches
Data management status
Article revision 12
Insulation characteristics
Overvoltage category II
Pollution degree 2
Electrical propertiesMaximum power dissipation for nominal condition 235.5 mW
Protective circuit Transient protection
Step response (0-99%) < 200 ms

Maximum temperature coefficient < 0.02 %/K
Transmission error in the set measuring range ((50 K / ? Temp)+ 0.05)%
Transmission error in the full measuring range <= 0.25 %
Electrical isolation Input/output/power supply
Rated insulation voltage 50 V AC/DC
Test voltage 1.5 kV AC (50 Hz, 60 s)
Insulation Basic insulation in accordance with IEC/EN 61010
Supply
Nominal supply voltage 24 V DC
Supply voltage range 19.2 V DC ... 30 V DC (The DIN rail connector (ME 6,2 TBUS-2 1,5/5-ST-3,81 GN, item no. 2869728) can be used to bridge the supply voltage. It can be snapped onto a 35 mm DIN rail in accordance with EN 60715)
Max. current consumption < 21 mA (at 24 V DC)
Power consumption < 500 mW
Input dataSignal
Number of inputs 1
Measurement
Sensor types (RTD) that can be used Pt 100 (IEC 60751/EN 60751)
Temperature measuring range min. 50 K
Sensor type: -50 °C ... 200 °C (configurable)
Sensor input current 1 mA (constant)
Max. permissible overall conductor resistance 10 ? (Per cable)
Connection techn...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MINI MCR-SL-PT100-UI-200-NC with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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