

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-1EEE5314E1
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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

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