

INDUSTRIAL COMPONENT DATA

MINI MCR-RTD-UI-NC 2902849 PHOENIX CONTACT

Resistance thermometer measuring transducer

Brand: PHOENIX CONTACT | Manufacturer Part Number: MINI MCR-RTD-UI-NC



Manufacturer	PHOENIX CONTACT
MPN / Reference	MINI MCR-RTD-UI-NC
Catalog number	2902849
Category	Temperature transformer
Minimum order	1 Pcs
Document ID	EO-1C7325BA4C
Generated	2026-08-05

Product Overview

Resistance thermometer measuring transducer

Configurable temperature converter for the connection of 2, 3, 4 conductor resistance heaters and transmitters.

Configurable via DIP switches or with the extended functionality by software. Screw connection, standard configuration.

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)
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Additional Product Information

Key Commercial Data

Orderkey 2902849

Packing unit 1 pc

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GTIN 4046356689205

Weight per Piece (excluding packing) 93.700 g

Custom tariff number 85437090

Country of origin DE (Germany)

Note

Utilization restriction EMC: class A product, see manufacturer's declaration in the download area

Dimensions

Width 6.2 mm

Height 93.1 mm

Depth 102.5 mm

Ambient conditions

Ambient temperature (operation) -20 °C ... 65 °C

Ambient temperature (storage/transport) -40 °C ... 85 °C

Input data

Configurable/programmable Yes

Sensor types (RTD) that can be used Pt, Ni, Cu sensors

Linear resistance measuring range 0 ? ... 4000 ? (Minimum measuring span: 10% of the selected measuring range)

Sensor input current approx. 200 µA

Temperature measuring range -200 °C ... 850 °C (Range depends on sensor type, range can be set freely via software or in increments from -150°C to 850°C via DIP switches)

Connection technology 2, 3, 4-wire

Output data

Number of outputs 1

Configurable/programmable Yes

Voltage output signal 0 V ... 10 V

10 V ... 0 V

0 V ... 5 V

1 V ... 5 V

Current output signal 0 mA ... 20 mA

4 mA ... 20 mA

20 mA ... 0 mA

20 mA ... 4 mA

Max. output voltage approx. 12.3 V

Max. output current 24.6 mA

Load/output load voltage output 10 k?

Load/output load current output 500 ? (at 20 mA)

Ripple < 20 mVPP

< 20 mVPP(at 500 ?)

Power supply

Supply voltage range 9.6 V DC ... 30 V DC (The DIN rail bus connector (ME 6,2 TBUS-2 1,5/5-ST-3,81 GN, Order No. 2869728) can be used to b...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MINI MCR-RTD-UI-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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