

INDUSTRIAL COMPONENT DATA

MINI MCR-2-RTD-UI-PT 2902052 PHOENIX CONTACT

Resistance thermometer measuring transducer

Brand: PHOENIX CONTACT | Manufacturer Part Number: MINI MCR-2-RTD-UI-PT



Manufacturer	PHOENIX CONTACT
MPN / Reference	MINI MCR-2-RTD-UI-PT
Catalog number	2902052
Category	Temperature transformer
Minimum order	1 Pcs
Document ID	EO-1D7671E57A
Generated	2026-08-04

Product Overview

Resistance thermometer measuring transducer

Configurable temperature converter with plug-in connection technology for the connection of 2, 3, 4 conductor resistance heaters and transmitters. Configurable via DIP switch or software. Push-in connection technology, 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)**

Additional Product Information

Key Commercial Data

Orderkey 2902052

Packing unit 1 pc

Note Made to Order (non-returnable)

Catalog page Page 80 (C-5-2017)

GTIN 4046356652094

Weight per Piece (excluding packing) 110.000 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 110.5 mm

Depth 120.5 mm

Ambient conditions

Ambient temperature (operation) -40 °C ... 70 °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 ... 5 V (via DIP switch)

1 V ... 5 V (via DIP switch)

0 V ... 10 V (via DIP switch)

10 V ... 0 V (via DIP switch)

0 V ... 10.5 V (can be set via software)

Current output signal 0 mA ... 20 mA (via DIP switch)

4 mA ... 20 mA (via DIP switch)

20 mA ... 0 mA (via DIP switch)

20 mA ... 4 mA (via DIP switch)

0 mA ... 21 mA (can be set via software)

Max. output voltage approx. 12.3 V

Max. output current 24.6 mA

Short-circuit curren...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MINI MCR-2-RTD-UI-PT 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.