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**



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|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | MINI MCR-RTD-UI-NC |
| Catalog number | 2902849 |
| Category | Temperature transformer |
| Minimum order | 1 Pcs |
| Document ID | EO-352E78D413 |
| Generated | 2026-11-19 |

## 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

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|---|---|
| Catalog path | PHOENIX CONTACT > INTERFACE Components (IF) |

## Additional Product Information

Key Commercial Data
Orderkey 2902849
Packing unit 1 pc
Catalog page Page 103 (C-7-2015)
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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