

**INDUSTRIAL COMPONENT DATA**

# MINI MCR-2-TC-UI-PT 2905249 PHOENIX CONTACT

## Thermocouple measuring transducer

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



|                 |                         |
|-----------------|-------------------------|
| Manufacturer    | PHOENIX CONTACT         |
| MPN / Reference | MINI MCR-2-TC-UI-PT     |
| Catalog number  | 2905249                 |
| Category        | Temperature transformer |
| Minimum order   | 1 Pcs                   |
| Document ID     | EO-6572B7CA89           |
| Generated       | 2026-08-03              |

### Product Overview

Thermocouple measuring transducer

Configurable temperature converter with plug-in connection technology for connecting thermocouples. 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 &gt; INTERFACE Components (IF)

### Additional Product Information

Key Commercial Data

Orderkey 2905249

Packing unit 1 pc

Catalog page Page 82 (C-5-2017)

GTIN 4046356937313

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 that can be used (TC) B, C, E, J, K, N, R, S, T, L, U, A-1, A-2, A-3, M, L

Temperature measuring range -250 °C ... 2500 °C (Range depends on sensor type, range can be set freely via software or in increments from -150°C to 1350°C via DIP switches)

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 current < 31.5 mA

Load/output load voltage output  $\geq 10$  k?

Load/output load current output  $\leq 600$  ? (at 20 mA)

Ripple < 10 mVrms

< 10 mVrms(at 600 ?)

Power supply

Supply voltage range 9.6 V D...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MINI MCR-2-TC-UI-PT with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://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.