

INDUSTRIAL COMPONENT DATA

MINI MCR-2-TC-UI 2902055 PHOENIX CONTACT

Thermocouple measuring transducer

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	MINI MCR-2-TC-UI
Catalog number	2902055
Category	Temperature transformer
Minimum order	1 Pcs
Document ID	EO-A0E9C25CA6
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Product Overview

Thermocouple measuring transducer

Configurable temperature converter with plug-in connection technology for connecting thermocouples. Configurable via DIP switch or software. Screw 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 2902055

Packing unit 1 pc

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GTIN 4046356649766

Weight per Piece (excluding packing) 126.800 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 ≥ 10 k?

Load/output load current output ≤ 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 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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