

INDUSTRIAL COMPONENT DATA

MINI MCR-TC-UI-NC 2902851 PHOENIX CONTACT

Thermocouple measuring transducer

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	MINI MCR-TC-UI-NC
Catalog number	2902851
Category	Temperature transformer
Minimum order	1 Pcs
Document ID	EO-26743D7BC5
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Product Overview

Thermocouple measuring transducer

Configurable temperature converter for thermocouple connection. 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)

Additional Product Information

Key Commercial Data

Orderkey 2902851

Packing unit 1 pc

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GTIN 4046356689229

Weight per Piece (excluding packing) 118.400 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 that can be used (TC) B, 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 ... 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

Short-circuit current < 31.5 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 bridge the supply voltage. It can be snapped onto a 35 mm DIN rail according to EN 60715))

Max. current consumptio...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MINI MCR-TC-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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