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-06C74863CA
Generated	2026-11-18

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
Catalog page Page 82 (C-5-2017)
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.

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.