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**



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|---|---|
| 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

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|---|---|
| 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.



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