INDUSTRIAL COMPONENT DATA

# MACX MCR-RTD-I 1050192 PHOENIX CONTACT Temperature transducer, converts signals from resistance temperature ..

**Brand: PHOENIX CONTACT | Manufacturer Part Number: MACX MCR-RTD-I**



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|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | MACX MCR-RTD-I |
| Catalog number | 1050192 |
| Category | Temperature transformer |
| Minimum order | 1 Pcs |
| Document ID | EO-F5D6E87BCE |
| Generated | 2026-11-19 |

## Product Overview

Temperature transducer, converts signals from resistance temperature detectors and resistors into analog 0/4 - 20 mA signals. Freely programmable, screw connection, SIL, 3-way electrical isolation, standard configuration.
Temperature converter, transforms signals from heat resistors and resistors into analog signals of 0/4-20 mA. Free programmable, screw connection, safety integrity level, 3-way galvanic separation, 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 1050192
Packing unit 1 pc
Catalog page Page 130 (C-5-2019)
GTIN 4055626666105
Weight per Piece (excluding packing) 0.000 g
Custom tariff number 85437090
Country of origin DE (Germany)
Drawings
Dimensions
Input data
Power supply

EMC data
Environmental Product Compliance
Note
Ambient conditions
Output data
General
Standards and Regulations
Classifications
Drawings
Block diagram
Pictogram
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Utilization restriction EMC: class A product, see manufacturer's declaration in the download area
Back to topDimensions
Width 12.5 mm
Height 112.5 mm
Depth 114.5 mm
Back to topAmbient conditions
Ambient temperature (operation) -40 °C ... 70 °C (Any mounting position)
Ambient temperature (storage/transport) -40 °C ... 80 °C
Permissible humidity (operation) 5 % ... 95 % (non-condensing)
Noise immunity EN 61000-6-2 When being exposed to interference, there may be minimal deviations.
Back to topInput data
Sensor types (RTD) that can be used Pt, Ni, Cu sensors: 2, 3, 4-wire
Temperature measuring range -200 °C ... 850 °C (Range depending on the sensor type)
Input signal range 0 ? ... 50 k?
Potentiometer resistance range 0 ? ... 50 k?
Cable resistance <= 50 ? per cable
Sensor input current 10 µA ... 210 µA (up to 2 x 210 µA for 3-conductor)
Measuring range span >= 50 K
Back to topOutput data
Signal output Current output
Configurable/programmable Yes
Current output signal 0 mA ... 20 mA
4 mA ... 20 mA (SIL)
Max. current output signal >= 21 mA
Load/output load....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MACX MCR-RTD-I 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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