

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	MACX MCR-RTD-I
Catalog number	1050192
Category	Temperature transformer
Minimum order	1 Pcs
Document ID	EO-B3B1472B10
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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

Catalog path	PHOENIX CONTACT > INTERFACE Components (IF)
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Additional Product Information

Key Commercial Data

Orderkey 1050192

Packing unit 1 pc

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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.

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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

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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

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