

INDUSTRIAL COMPONENT DATA

MACX MCR-RTD-I-SP 1050201 PHOENIX CONTACT

Temperature transducer, converts signals from resistance temperatu..

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	MACX MCR-RTD-I-SP
Catalog number	1050201
Category	Temperature transformer
Minimum order	1 Pcs
Document ID	EO-F6BF28038E
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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, Push-in 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, push-in 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)**

Additional Product Information

Key Commercial Data

Orderkey 1050201

Packing unit 1 pc

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GTIN 4055626651293

Weight per Piece (excluding packing) 0.000 g

Custom tariff number 85437090

Country of origin DE (Germany)

Note

Ambient conditions

Output data

General

Standards and Regulations

Classifications

Dimensions

Input data

Power supply

EMC data

Environmental Product Compliance

Note

Utilization restriction EMC: class A product, see manufacturer's declaration in the download area

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Width 12.5 mm

Height 116 mm

Depth 114.5 mm

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Ambient temperature (operation) -40 °C ... 70 °C (Any mounting position)

Ambient temperature (storage/transport) -40 °C ... 80 °C

Maximum altitude ≤ 2000 m

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 current output ≤ 600 ?

Output...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MACX MCR-RTD-I-SP 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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