

INDUSTRIAL COMPONENT DATA

MACX MCR-EX-AP-2T-2I 1290780 PHOENIX CONTACT Ex i-Temperature converters, Ex i input signals of thermoresist..

Brand: PHOENIX CONTACT | Manufacturer Part Number: MACX MCR-EX-AP-2T-2I



Manufacturer	PHOENIX CONTACT
MPN / Reference	MACX MCR-EX-AP-2T-2I
Catalog number	1290780
Category	Temperature transformer
Minimum order	1 Pcs
Document ID	EO-9EFF3BE863
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Product Overview

Ex i-Temperature converters, Ex i input signals of thermoresistors in 2, 3 or 4 conductor technology, thermocouples and mV sources are converted into non-Ex i signals of 0 mA / 4 mA ... 20 mA active. Standard configuration, 5-way separation, Screw connection

Ex i, Temperature converters, Ex i input signals of resistance thermometers in 2, 3 or 4 conductor technology, thermocouples and mV sources are converted to 0 mA / 4 mA non-Ex i signals... 20 mA active. 2 Channels, Universal, Free Programming, 5-Way Spacing, Screw Connection

Ex i-Temperature transducer, input signals from resistance thermometers in 2, 3, or 4-conductor technology, thermocouples, and mV sources are converted into active 0 mA / 4 mA ... 20 mA non Ex i signals. Standard configuration, 5-way isolation, Screw connection

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

Technical dataNotesGeneral Accuracy, typically specified as a percentage of the basic measuring range at UN, 23°C
General Installation conditions influence the ambient temperature.

Please refer to the operating instructions.

General Output behavior = 2.4 mA (0 mA ... 23 mA or "Hold last value" can be configured)

General Sensor set via software or DIP switches

General 2-conductor comparison set via DIP switch ADJ

General The input variables can be set via the ISpac Wizard parameterization software or DIP switches.

Product propertiesProduct type Temperature transmitter
Product family MACX Analog
No. of channels 2
Configuration Software
Electrical propertiesNo. of channels 2
Electrical isolation 5-way isolation
Temperature coefficient, typical $\leq 0.1\%$ (10 K)
Reverse polarity protection yes
Electrical isolation Input/output IEC/EN 60079-11
Standards/regulations IEC/EN 60079-11
Rated insulation voltage 375 VPP
Electrical isolation Input/power supply IEC/EN 60079-11
Standards/regulations IEC/EN 60079-11
Rated insulation voltage 375 VPP
Electrical isolation Input/error message output IEC/EN 60079-11
Standards/regulations IEC/EN 60079-11
Rated insulation voltage 375 VPP
Electrical isolation Input/configuration interface IEC/EN 60079-11
Standards/regulations IEC/EN 60079-11
Rated insulation voltage 375 VPP
Electrical isolation Output 1/output 2
Test voltage 350 V (50 Hz, 60 s)
Electrical isolation Output/supply
Test voltage 350 V (50 Hz, 60 s)
Electrical isolation Output/configuratio...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MACX MCR-EX-AP-2T-2I with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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