INDUSTRIAL COMPONENT DATA

MACX MCR-EX-TS-I-OLP 2908660 PHOENIX CONTACT The output-loop-powered temperature transmitter transmits up to..

Brand: PHOENIX CONTACT | Manufacturer Part Number: MACX MCR-EX-TS-I-OLP



Manufacturer	PHOENIX CONTACT
MPN / Reference	MACX MCR-EX-TS-I-OLP
Catalog number	2908660
Category	Temperature transformer
Minimum order	1 Pcs
Document ID	EO-01C3CD4CA4
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Product Overview

The output-loop-powered temperature transmitter transmits up to two sensor signals from RTD and TC sensors as well as from resistance-type sensors and voltage encoders via the HART communication or 4 ... 20 mA, configurable. SIL 2/3, intrinsic safety, screw connection.
Ex i, Output Loop-Fed Temperature Converter to transmit up to 2 sensor signals from RTD and CT sensors, as well as resistance and voltage transmitters using 4 mA... 20 mA. HART, Standard Configuration, Safety Integrity Level (SIL, IEC61508): 2, Systematic Capability: 3, 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)

Additional Product Information

Key Commercial Data
Orderkey 2908660
Packing unit 1 pc
Catalog page Page 190 (C-5-2019)
GTIN 4055626355429
Weight per Piece (excluding packing) 210.000 g
Custom tariff number 85437090
Country of origin DE (Germany)
Drawings
Ambient conditions

Connection data
Standards and Regulations
Classifications
Dimensions
Power supply
General
Environmental Product Compliance
Drawings
Block diagram
Block diagram for MACX MCR-EX-TS-I-OLP
Pictogram
Pictogram
Back to topDimensions
Width 12.5 mm
Height 99 mm
Depth 114.5 mm
Back to topAmbient conditions
Ambient temperature (operation) -40 °C ... 85 °C
-40 °C ... 70 °C (SIL active)
Ambient temperature (storage/transport) -40 °C ... 100 °C
Maximum altitude <= 4000 m (Above sea level)
Permissible humidity (operation) 5 % ... 95 % (non-condensing)
Degree of protection IP20 (not assessed by UL)
Back to topPower supply
Supply voltage range 12 V ... 42 V (Standard)
Back to topConnection data
Connection method Screw connection
Stripping length 7 mm
Screw thread M3
Conductor cross section solid 0.2 mm² ... 2.5 mm²
Conductor cross section flexible 0.2 mm² ... 2.5 mm²
Conductor cross section AWG 24 ... 14
Torque 0.5 Nm ... 0.6 Nm
Back to topGeneral
Step response (0-99%) 0.8 s (TC)
Degree of pollution 2
Overvoltage category II
Color gray
Conformance CE-compliant
ATEX ? II 2 (1) G Ex ib [ia Ga] IIC T6...T4 Gb
IECEx Ex ib [ia Ga] IIC T6...T4 Gb
UL, USA/Canada UL 61010 Recognized
FM approval Exia / Class I / Div. 1, 2 / Group ABCD
CSA AIS / Class I / Div. 1....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

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

GLOBAL OFFICES

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