INDUSTRIAL COMPONENT DATA

MACX MCR-EX-T-UI-UP 2865654 PHOENIX CONTACT Temperature measuring transducer

Brand: PHOENIX CONTACT | Manufacturer Part Number: MACX MCR-EX-T-UI-UP



Manufacturer	PHOENIX CONTACT
MPN / Reference	MACX MCR-EX-T-UI-UP
Catalog number	2865654
Category	Temperature transformer
Minimum order	1 Pcs
Document ID	EO-919261BD77
Generated	2026-11-18

Product Overview

Temperature measuring transducer
Freely programmable intrinsically safe temperature converter with analog output and 1 limit value relay, standard configuration, resistance thermoresistors in 2, 3 or 4 conductor technology, thermocouples, galvanic separation, wide power range, screw connection, SIL, PL.

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 2865654
Packing unit 1 pc
Catalog page Page 148 (C-5-2017)
GTIN 4046356296670
Weight per Piece (excluding packing) 168.800 g
Custom tariff number 85437090
Country of origin DE (Germany)
Note
Utilization restriction 1
Dimensions
Width 17.5 mm

Height 99 mm
Depth 114.5 mm
Ambient conditions
Ambient temperature (operation) -20 °C ... 65 °C
Ambient temperature (storage/transport) -40 °C ... 85 °C
Maximum altitude <= 2000 m
Permissible humidity (operation) typ. 5 % ... 95 % (non-condensing)
Noise immunity EN 61000-6-2 When being exposed to interference, there may be minimal deviations.
Shock 15g, according to IEC 60068-2-27
Vibration (operation) 5g, accordance to IEC 60068-2-6
Input data
Sensor types (RTD) that can be used Pt, Ni, Cu sensors: 2, 3, 4-wire
Sensor types that can be used (TC) B, E, J, K, N, R, S, T, L, U, CA, DA, A1G, A2G, A3G, MG, LG
Temperature measuring range -250 °C ... 2500 °C (Range depending on the sensor type)
Input signal range 0 ? ... 50 k?
Potentiometer resistance range 0 ? ... 50 k?
Input signal range -1000 mV ... 1000 mV
Output data
Configurable/programmable Yes
Max. voltage output signal ± 11 V
Current output signal 4 mA ... 20 mA (in the case of SIL; further free configuration without SIL)
Max. current output signal 22 mA
Load/output load voltage output >= 10 k?
Load/output load current output <= 600 ? (20 mA)
Behavior in the event of a sensor error according to NE 43 or freely configurable
Output name Switching output
Configu...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MACX MCR-EX-T-UI-UP 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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