INDUSTRIAL COMPONENT DATA

MINI MCR-SL-PT100-UI-NC 2864273 PHOENIX CONTACT Resistance thermometer measuring transducer

Brand: PHOENIX CONTACT | Manufacturer Part Number: MINI MCR-SL-PT100-UI-NC



Manufacturer	PHOENIX CONTACT
MPN / Reference	MINI MCR-SL-PT100-UI-NC
Catalog number	2864273
Category	Temperature transformer
Minimum order	1 Pcs
Document ID	EO-8C4CF8C0C9
Generated	2026-11-18

Product Overview

Resistance thermometer measuring transducer
MCR temperature converter for Pt 100 temperature sensors, configurable via DIP switch, with screw connection, without presetting

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 2864273
Packing unit 1 pc
Catalog page Page 105 (C-7-2015)
GTIN 4017918956561
Weight per Piece (excluding packing) 99.200 g
Custom tariff number 85437090
Country of origin DE (Germany)
Note
Utilization restriction EMC: class A product, see manufacturer's declaration in the download area
Dimensions
Width 6.2 mm
Height 93.1 mm

Depth 102.5 mm
Ambient conditions
Ambient temperature (operation) -20 °C ... 65 °C
Ambient temperature (storage/transport) -40 °C ... 85 °C
Input data
Configurable/programmable Yes
Sensor types (RTD) that can be used Pt 100 (IEC 60751/EN 60751)
Sensor input current 1 mA (constant)
Connection technology 2, 3, 4-wire
Output data
Number of outputs 1
Configurable/programmable Yes, unconfigured
Voltage output signal 0 V ... 10 V
10 V ... 0 V
0 V ... 5 V
1 V ... 5 V
Current output signal 0 mA ... 20 mA
4 mA ... 20 mA
20 mA ... 0 mA
20 mA ... 4 mA
Max. output voltage approx. 12.5 V
Max. output current 23 mA
Short-circuit current approx. 10 mA
Load/output load voltage output >= 10 k?
Load/output load current output < 500 ? (at 20 mA)
Ripple < 20 mVPP(at 10 k?)
< 20 mVPP(at 500 ?)
Power supply
Nominal supply voltage 24 V DC
Supply voltage range 19.2 V DC ... 30 V DC (The DIN rail bus connector (ME 6,2 TBUS-2 1,5/5-ST-3,81 GN, Order No. 2869728) can be used to bridge the supply voltage. It can be snapped onto a 35 mm DIN rail according to EN 60715))
Max. current consumption < 21 mA (at 24 V DC)
Power consumption < 500 mW
Connection data...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MINI MCR-SL-PT100-UI-NC with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

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