

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-B1A1A349AC
Generated	2026-07-29

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.

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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.