

INDUSTRIAL COMPONENT DATA

MINI MCR-SL-PT100-LP-NC 2810308 PHOENIX CONTACT

Temperature measuring transducer

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	MINI MCR-SL-PT100-LP-NC
Catalog number	2810308
Category	Temperature transformer
Minimum order	1 Pcs
Document ID	EO-CEC2CF0B91
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Product Overview

Temperature measuring transducer

Configurable Loop-powered temperature converter for Pt 100 temperature sensors, configurable via DIP switch, with screw connection, without presetting

Configurable Loop Powered Converter for Pt 100 Temperature Sensors, DIP Switch Configurable, with Screw Connection, Not Preconfigured

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 2810308

Packing unit 1 pc

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GTIN 4046356134668

Weight per Piece (excluding packing) 68.400 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
Maximum altitude ≤ 2000 m
Input data
Configurable/programmable Yes, unconfigured
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
Current output signal 4 mA ... 20 mA
20 mA ... 4 mA
Max. output current 23 mA (output limit)
Load/output load current output (U_{supply}- 12 V) / 22 mA
Ripple < 20 mVPP(at 500 ?)
Power supply
Designation Loop-powered
Supply voltage range 12 V DC ... 30 V DC
Max. current consumption < 4.5 mA (without signal current)
Power consumption < 150 mW (without signal current)
Connection data
Connection method Screw connection
Conductor cross section solid min. 0.2 mm²
Conductor cross section solid max. 2.5 mm²
Conductor cross section AWG min. 26
Conductor cross section AWG max. 12
Conductor cross section flexible min. 0.2 mm²
Conductor cross section flexible max. 2.5 mm²
Stripping length 12 mm
Screw thread M3
Gene...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MINI MCR-SL-PT100-LP-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

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