INDUSTRIAL COMPONENT DATA

MINI MCR-2-I4-U-PT 2902003 PHOENIX CONTACT Signal conditioner

Brand: PHOENIX CONTACT | Manufacturer Part Number: MINI MCR-2-I4-U-PT



Manufacturer	PHOENIX CONTACT
MPN / Reference	MINI MCR-2-I4-U-PT
Catalog number	2902003
Category	Isolation amplifier
Minimum order	1 Pcs
Document ID	EO-B265584661
Generated	2026-11-19

Product Overview

Signal conditioner
3-way signal conditioner with plug-in connection technology for galvanic separation of analog signals. Input Signal: 4 mA ... 20 mA, output signal: 0 V ... 10 V, push-in connection technology

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 2902003
Packing unit 1 pc
Catalog page Page 74 (C-5-2017)
Weight per Piece (excluding packing) 97.100 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 110.5 mm
Depth 120.5 mm

Ambient conditions
Ambient temperature (operation) -40 °C ... 70 °C
Ambient temperature (storage/transport) -40 °C ... 85 °C
Permissible humidity (operation) 5 % ... 95 % (non-condensing)
Input data
Number of inputs 1
Configurable/programmable no
Current input signal 4 mA ... 20 mA
Input resistance current input approx. 63 ? (+ 0.7 V for test diode)
Output data
Number of outputs 1
Configurable/programmable no
Voltage output signal 0 V ... 10 V
Max. output voltage 11 V
Short-circuit current < 15 mA
Load/output load voltage output >= 10 k?
Ripple < 20 mVPP(at 10 k?)
Power supply
Nominal supply voltage 24 V DC
Supply voltage range 9.6 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))
Typical current consumption 25 mA (24 V DC)
54 mA (12 V DC)
Power consumption <= 200 mW (at 9.6 V DC)
Connection data
Connection method Push-in connection
Single conductor/terminal point, solid, with ferrule, min. 0.14 mm²
Single conductor/terminal point, solid, with ferrule, max. 2.5 mm²
Single conductor...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MINI MCR-2-I4-U-PT 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.