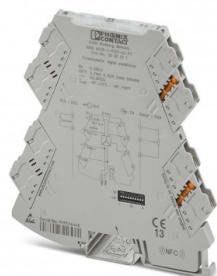


INDUSTRIAL COMPONENT DATA

MINI MCR-2-POT-UI-PT 2902017 PHOENIX CONTACT

Resistance/potiposition transducer

Brand: PHOENIX CONTACT | Manufacturer Part Number: MINI MCR-2-POT-UI-PT



Manufacturer	PHOENIX CONTACT
MPN / Reference	MINI MCR-2-POT-UI-PT
Catalog number	2902017
Category	Isolation amplifier
Minimum order	1 Pcs
Document ID	EO-6C7D709DFB
Generated	2026-08-01

Product Overview

Resistance/potiposition transducer

Configurable potentiometer position converter with plug-in connection technology for connecting potentiometers from 0 ? ... 100 ? at 0 k? ... 100 k?. Configurable via DIP switch or software. Push-in connection technology, standard configuration

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

Technical dataNotesUtilization restriction

EMC note EMC: class A product, see manufacturer's declaration in the download area

Product propertiesProduct type Potiposition transducer

Product family MINI Analog Pro

No. of channels 1

Configuration DIP switches

Software

App

Data management status

Article revision 14

Insulation characteristics

Overvoltage category II

Pollution degree 2

System propertiesFunctionality

Configuration DIP switches

Software

App

Electrical propertiesElectrical isolation 3-way isolation

Protective circuit Transient protection

Step response (0-99%) < 60 ms

Maximum temperature coefficient 0.01 %/K

Temperature coefficient, typical 0.01 %/K

Maximum transmission error < 0.1 % (R < 240 ? = < 0,2 %)

Electrical isolation Input/output/power supply

Rated insulation voltage 300 Vrms

Test voltage 3 kV AC (50 Hz, 60 s)

Insulation Reinforced insulation according to IEC/EN 61010-1

Supply

Nominal supply voltage 24 V DC

Supply voltage range 9.6 V DC ... 30 V DC (The DIN rail connector (ME 6,2 TBUS-2 1,5/5-ST-3,81 GN, item no. 2869728) can be used to bridge the supply voltage. It can be snapped onto a 35 mm DIN rail in accordance with EN 60715)

Typical current consumption 33 mA (24 V DC)

68 mA (12 V DC)

Power consumption <= 850 mW (at IOUT= 20 mA, 9.6 V DC, 600 ? load)

Input dataSignal: Resistance

Number of inputs 1

Available input sources 3-wire potentiometer

Resistance range 0 ? ... 100 ?

0 ? ... 100 k?

Output dataSignal: Voltage/current

Number of outputs 1

Voltage output...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MINI MCR-2-POT-UI-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

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