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-DB390C05D9
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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

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