

Resistance/potiposition transducer - MINI MCR-SL-R-UI - 2864095

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



MCR potiposition transducer for conversion of potentiometer positions into a standard analog signal, 0 Ω input... 100 Ω to 0 k Ω ... 100 k Ω

Product Description

The narrow 6.2 mm MINI MCR-SL-R-UI... potiposition transducer converts potentiometer positions into a standard analog signal on a percentage basis. If the potentiometer range cannot be utilized to the full, an externally accessible slide switch is used to set the upper and lower potentiometer final values. The output signal between 0% and 100% is based on this set final value.

The DIP switches, which can be accessed on the side of the housing, are used to configure the following parameters:

- Output signal
- Automatic potentiometer detection
- Wire-break detection slider
- Type of error evaluation

Power (19.2 V DC to 30 V DC) can either be supplied via the connection terminal blocks of the modules or in conjunction with the DIN rail connector.

Your advantages

- ✓ Power supply possible via the foot element (TBUS)
- ✓ Automatic potentiometer detection without manual adjustment
- ✓ Error indication via diagnostic LED and analog signal
- ✓ For 100 Ω to 100 k Ω potentiometers
- ✓ potentiometer signals to create standard signals
- ✓ Configurable measuring range and output signals
- ✓ Highly-compact potentiometer transducer for electrical isolation, conversion, amplification, and filtering of
- ✓ Input and output signals can be configured via DIP switches
- ✓ 3-way isolation
- ✓ A potentiometer sub-range can be linearized via the "teach-in" switch on the device



Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 046442

Resistance/potipotision transducer - MINI MCR-SL-R-UI - 2864095

GTIN	4046356046442
Weight per Piece (excluding packing)	89.400 g
Custom tariff number	85437090
Country of origin	Germany

Phoenix Contact 2022 © - all rights reserved
<http://www.phoenixcontact.com>