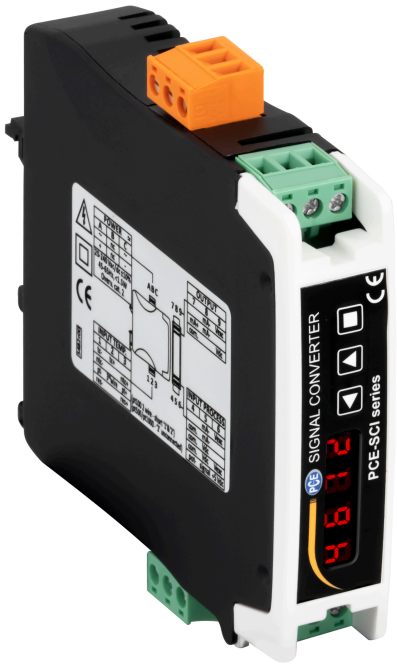
CONFIGURABLE DIN RAIL CONVERTER FOR ELECTRICAL SIGNALS

PCE-SCI-P



- **31 input options**
- **Many configuration options**
- **Analogue outputs**
- **Display and keypad for configuration**
- **Top-hat rail mounting**

Current Measuring Transducer for process signals, temperatures, resistors and potentiometers. Offers a wide range of configuration options for converting signals. The output signal can be selected between 4 ... 20 mA and 0 ... 10 VDC can be selected for the output signal.

Configurable for measuring 4 ... 20 mA and 0 ... 10 VDC process signals, both active and passive. If required, the universal measuring transducer provides an excitation voltage to supply the transducer with current. Type J,K,N,E,T,R,S,C,B thermocouples can also be connected. Furthermore, thermoresistors Pt100 (2 and 3 wires), Pt500 and Pt1000, several NTC sensors, resistors and potentiometer signals.
The universal measuring transducer has a universal power supply from 18 to 265 VAC/DC and 3-way insulation between input, output and current circuits.

The input and output signal ranges are customisable via a keypad with front display. The Current Measuring Transducer has a "password" function to block unauthorised access to the configuration menu. It also has an "SOS" mode to assist with critical maintenance and repair work without interfering with the manufacturing process. Designed for industrial use, with potential integration into a wide range of applications.

For further details, please refer to the operating instructions under Documents / Downloads.

Specification

General technical data	
Inputs	4 ... 20mA, 0 ... 10 VDC, Pt100 3-wire, Pt100 2-wire, Pt500, Pt1000, Thermoelement J, Thermocouple K, Thermocouple T, Thermoelement E, Thermoelement S, Thermoelement R, Thermocouple N, Thermoelement C, Thermoelement B, 0 ... 1 MΩ, 0 ... 1 kΩ, 0 ... 100 kΩ, 0 ... 10 kΩ, pot. nominal 250 Ω ... 15 kΩ, NTC 44004, NTC 44005, NTC 44006, NTC 44007, NTC 44008, NTC 44030, NTC 44031, NTC 44032, NTC 44033, NTC 44034, NTC 10K, 3500
Outputs	4 ... 20mA, 0 ... 10 VDC
Display Typ	7 Segment, 2 Digits
Safety standard	CAT II / 300V
Montage	35 mm top-hat rail mounting
Insulation	3000 Vrms for 60 s (input, output, supply)
Menu language	English (US)
Protection class (device)	IP30
Power supply	24 ... 240 V DC ±10%, 45 ... 65 Hz, isolated
Operating conditions	0 ... 50 °C , 0 ... 95 %RH
Storage conditions	-20 ... 70 °C , 0 ... 95 %RH
Dimensions (L x W x H)	110 x 22 x 118 mm
Weight	130 g

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