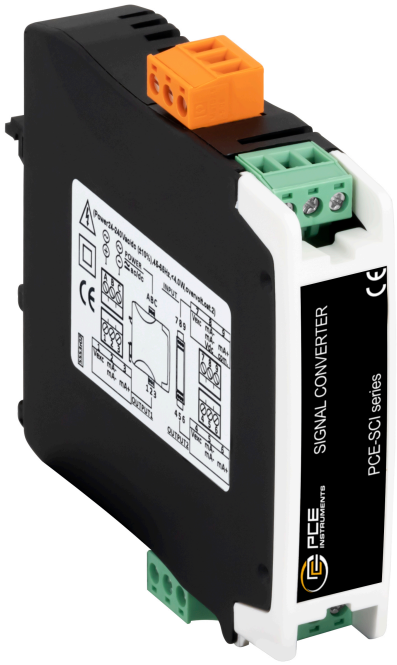
UNIVERSAL MEASURING TRANSDUCER

PCE-SCI-D



- **Duplicates analog signals**
- **4 ... 20-mA and 0 ... 10V**
- **Quick configuration using 2 buttons**
- **DIN rail mounting**
- **Inputs and outputs galvanically isolated**
- **Power supply 24 ... 250V AC/DC**

The configurable universal measuring transducer for electrical signals is a signal doubler and signal converter for process signals. A 4 ... 20-mA and 0 ... 10V DC signal can be applied to the input. The configurable universal transmitter for electrical signals supplies excitation voltage if required. It has 2 outputs, whereby output 1 can be set to 4 ... 20-mA and output 2 to 4 ... 20-mA or 0 ... 10V DC. It also has quadruple isolation between power supply, input signal, output 1 and output 2.
Circuit isolation prevents ground loops and propagation of voltage spikes, protecting equipment and signal integrity. Configuration system (numbers and keypad) are accessible behind the front cover and offer easy and quick configuration. The signal duplicator has a "password" function to block access to the configuration. The configurable universal transmitter for electrical signals is designed for industrial use, with the possibility of integration into a variety of applications, reduced costs, excellent quality and optional customization of the device for individual use.

Specification

Process current	
Battery type	Entrance, Output
Measurement range min.	4 mA
Measurement range max.	20 mA
Accuracy	0.3 % of range
Overload	25mA
Signal type	active, passive
Impedance	<2 Vdc voltage drop at the terminals
Step response	<300 ms (0 ... 99% signal)

Process voltage	
Battery type	Entrance
Measurement range up to	0 ... 10 V DC
Accuracy	0.3 % of range
Overload	25 V DC
Signal type	active, passive
Impedance	higher than 1 MΩ
Step response	<300 ms (0 ... 99% signal)

General technical data	
Display type	7-segment, 2 digits
Safety standard	CAT II / 300V
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	126 g