

## CONV-UI

# MEASUREMENT TRANSMITTER FOR DC VOLTAGE AND CURRENT SIGNALS

Measurement transmitter designed to convert any not-normalised DC voltage or current signal into a normalised signal while providing galvanic insulation.



### Features

- o Voltage or current input
- o Galvanic isolation 2 kV RMS. 50 Hz during max. 60 s between input, output and power supply
- o Selection of input and output ranges by jumpers behind the front plate
- o Wide range of power supplies
- o Rail DIN mounting
- o Weight: 130 g
- o Compliant with EMC EN 50082-2

**Application(s)** SENSY's CONV-UI is perfectly designed for the following applications:

- Galvanic isolation of measurement signals,
- Multiplication of measurement signals from a single source.

### Function(s)

- Universal
- User-friendly configuration
- Reduced size

Specifications	CONV-UI	
Type	Signal converter	-
Input range	$\pm 10$ mVDC, $\pm 100$ mVDC, $\pm 1$ VDC, $\pm 10$ VDC, $\pm 100$ VDC, $\pm 500$ VDC, $\pm 5$ mA, $\pm 50$ mA	-
Accuracy	$\leq \pm 0.2\%$	% F.S.*
Bandwidth	0...1	Hz
Service temperature range	-10...+60	°C
Storage temperature range	-30...+80	°C
Power supply	20...270 VAC / 20...300 VDC	-
Output tension	0...10 V (load resistance > 1 kohm)	V
Output current	0...20 mA, 4...20 mA (load resistance < 750 ohms)	mA
IP rating	IP20	-

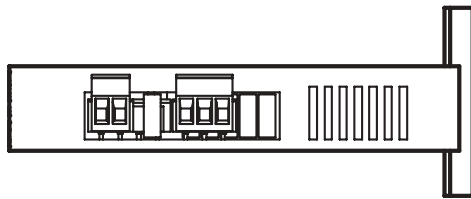
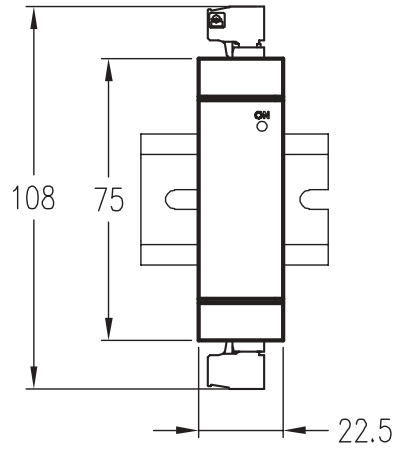
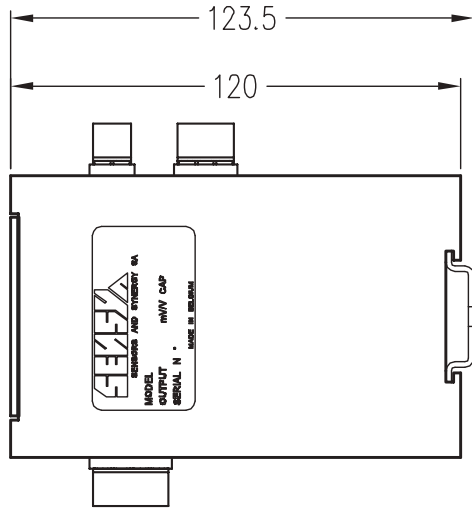
\*F.S. : Full Scale.

Specifications subject to change without notice.



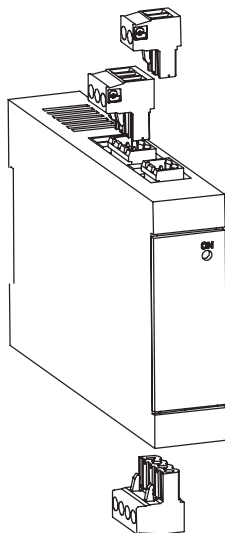
ISO 9001 certified

CONV-UI > STANDARD DIMENSIONS



Dimensions in mm

Other view



Terminals

