

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 | ± 10 mVDC, ± 100 mVDC, ± 1 VDC, ± 10 VDC, ± 100 VDC, ± 500 VDC, ± 5 mA, ± 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 | - |

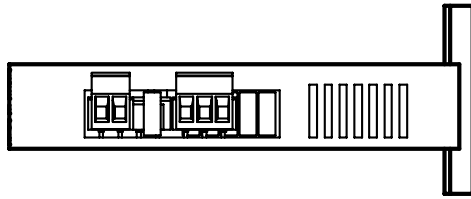
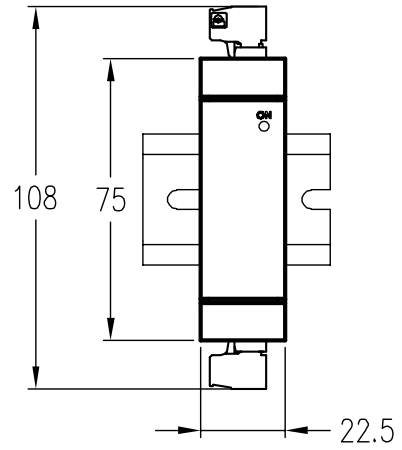
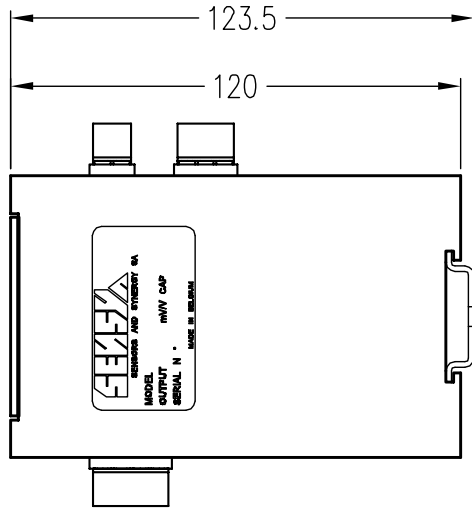
*F.S. : Full Scale.

Specifications subject to change without notice.



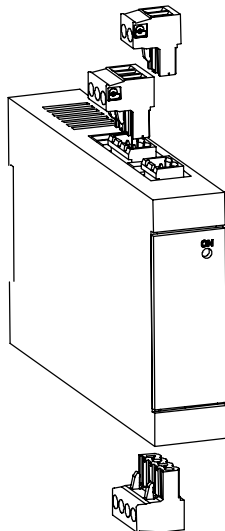
ISO 9001 certified

CONV-UI > STANDARD DIMENSIONS



Dimensions in mm

Other view



Terminals

