

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 normalized 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 supply
- o Rail din mounting
- o Weight: 130 g.
- o Conform to EMC EN 50082-2

Applications

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

Functions

- Universal
- Easy to configure
- Reduced size

Specifications	CONV-UI	
Type	Signal converter	-
Input range	$\pm 10\text{mV}, \pm 100\text{mV}, \pm 1\text{V}, \pm 10\text{V}, \pm 100\text{V}, \pm 5\text{mA}, \pm 50\text{mA}$	-
Output tension	0...10V (load resistance > 1 kOhm)	V
Output current	0...20mA, 4...20mA (load resistance < 750 Ohm)	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	90..270 VAC (50, 60, 400Hz) / 88..350 VDC (4VA max)	-
IP Rating	IP20	-

* : 20...40 VAC et 20..64 VDC (available on request)

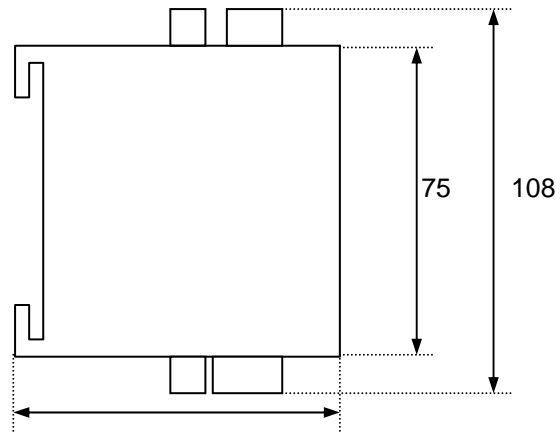
DIMENSIONS (75 X 22,5 X 120 mm)

Front view



22.5

Side view



120

75

108