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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.

Input signal	DC voltage	± 10 mV, ± 100 mV, ± 1 V, ± 10 V, ± 100 V ou ± 1000 V
	DC current	± 5 mA, ± 50 mA
Output signal	DC voltage	0..10 V (load resistance > 1 kΩ)
	DC current	0..20 mA, 4..20 mA, source or drain (load resistance < 750 Ω)
	Selection of input and output ranges by jumpers, accessible behind the front plate.	
Accuracy	≤ ± 0,2 %	
Response time	≤ 250 ms (10 ms on request)	
Temperature	Working	from - 10 to + 60 °C
	Storage	from – 30 to + 80 °C
	Thermal drift	≤ 0,015 %/°C
Galvanic insulation	2 kV RMS 50 Hz during 60 s max between input, output and power supply	
Power supply	90..270 VAC (50, 60 or 400 Hz) and 88..350 VDC (4 VA max) (20..40 VAC et 20..64 VDC also available on request)	
Case	Self-extinguishing in black ABS UL94VO Mounting on symmetrical DIN Rail Plug-in connectors for screwed connections Protection: IP20	
Weight	130 g	
Environment	Conform to EMC standard EN 50082.2	

DIMENSIONS (75 X 22,5 X 120 mm)