



## Signal converters AC Part number 88950108



- Current/voltage conversion of Millenium 3 input signals
- PWM/voltage conversion of Millenium 3 output signals

### Part numbers

	Type	Description	Input	Output
88950108	AC	0-20 mA/0-10 V input converter	4	4
88950112	AC	PWM/0-10 V output converter	1	1

### Specifications

#### Environmental characteristics

Certifications	UL	UL
Protection rating	In accordance with IEC/EN 60529 : IP20 terminal block IP50 casing	In accordance with IEC/EN 60529 : IP20
Operating temperature	-20°→+85 °C	-20°→+55 °C
Storage temperature	-40°→+85 °C	-25°→+70 °C

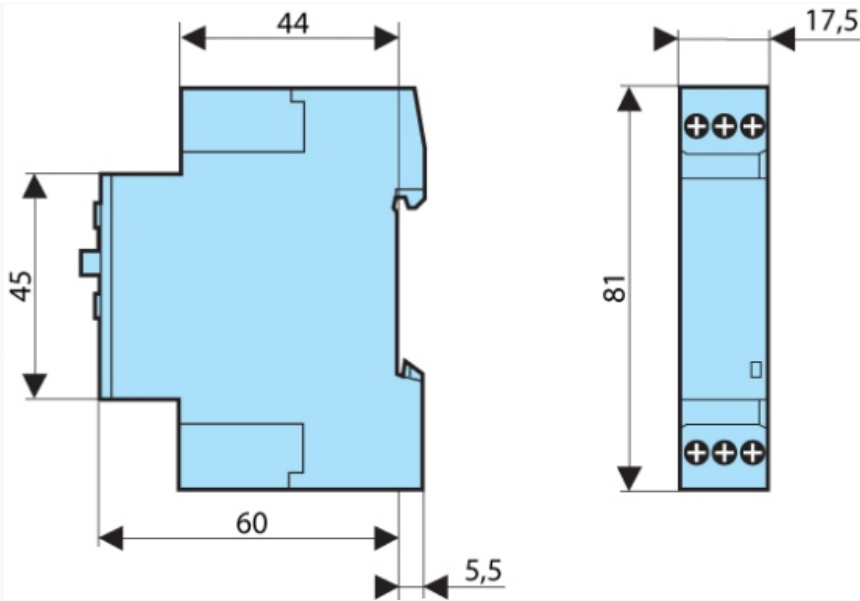
#### Electrical characteristics

Supply	-	24 V DC (+10 % / -15 %)
Input current	0-20 mA	-
Output voltage	0-10 V ± 5 %	0-10 V ± 5 %
Impedance	500 Ω (input)	250 Ω (maximum load)
Max. current	40 mA	40 mA (output)
Input PWM	-	24 V DC (+20 % / - 15 %, 120 Hz)
Short-circuit protection	-	Yes
Protection against polarity inversions	-	Yes (>10 s)
Absorbed power	0,8 W	1,3 W
Conversion time	-	440 ms (max) : 0 →100 % & 100 % →0

#### Mechanical characteristics

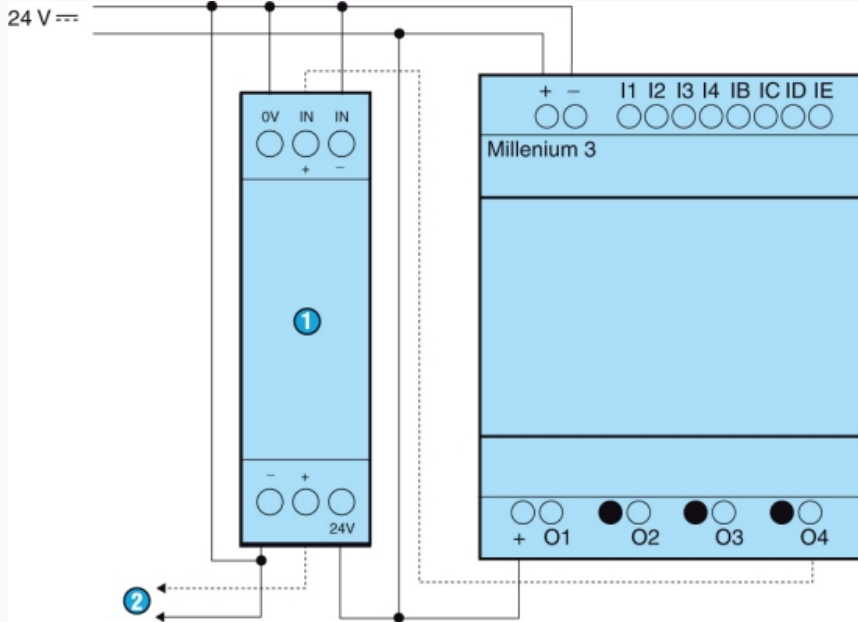
Cable length	-	< 10 m with shielded cable
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#### Dimensions (mm)



**Connections**

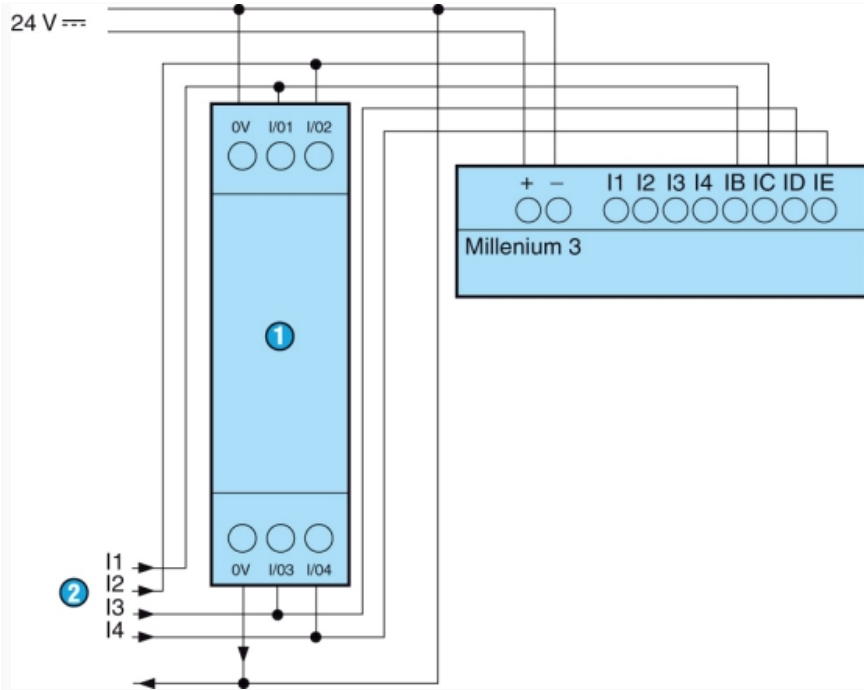
**PWM/0-10 V output converter**



Legend	
1	Converter PWM 0-10 V
2	Analog output 0-10 V

**Connections**

**0-20 mA/0-10 V input converter**



Legend	
1	Converter 0-20 mA
2	Input 0-20 mA