

## 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	Inputs	Outputs
88950108 AC	0-20 mA/0-10 V input converter	4	4

### Specifications

88950108	88950112
----------	----------

#### Environmental characteristics

Certifications	CE	CE
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

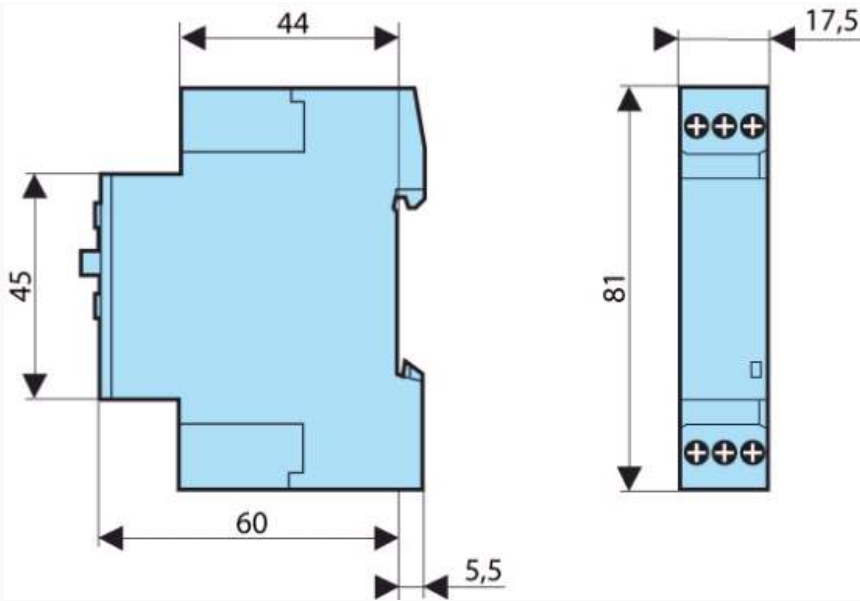
#### Electrical characteristics

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 max.)
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

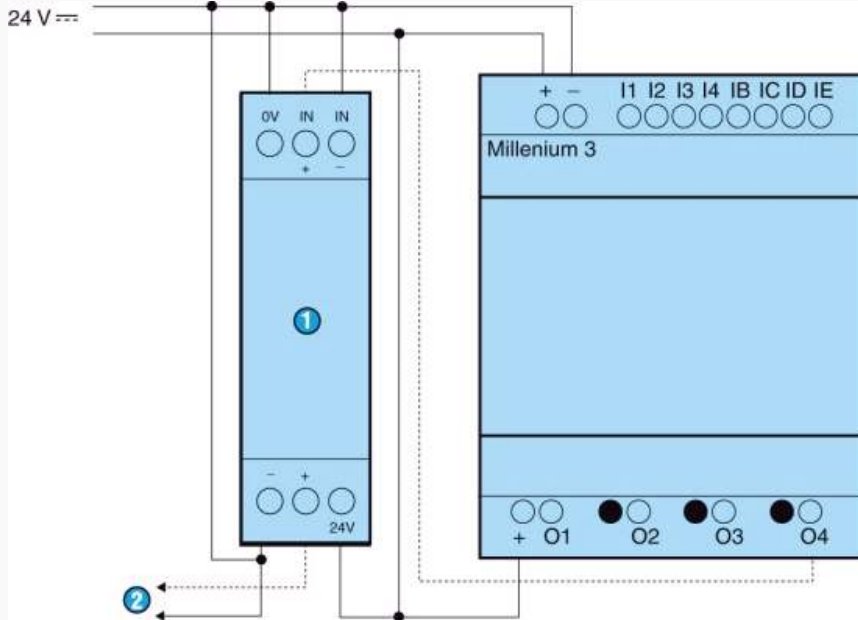
Cable length	-	< 10 m with shielded cable
--------------	---	----------------------------

#### Dimensions (mm)



**Connections**

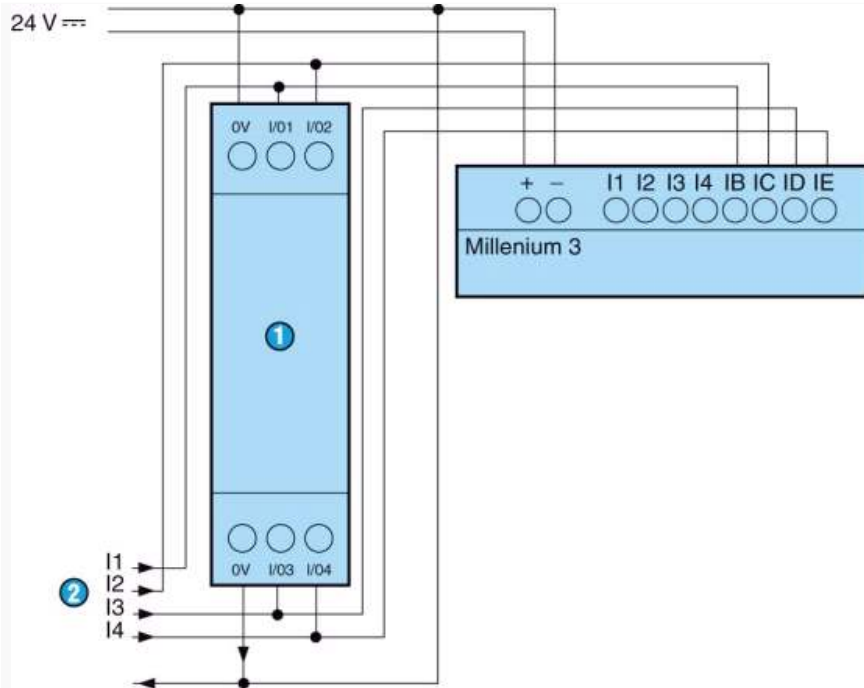
**PWM/0-10 V output converter**



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