

Signal converters AC Part number 88950112



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

Part numbers

	Type	Description	Inputs	Outputs
88950112	AC	PWM/0-10 V output converter	1	1

Specifications

88950108	88950112
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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
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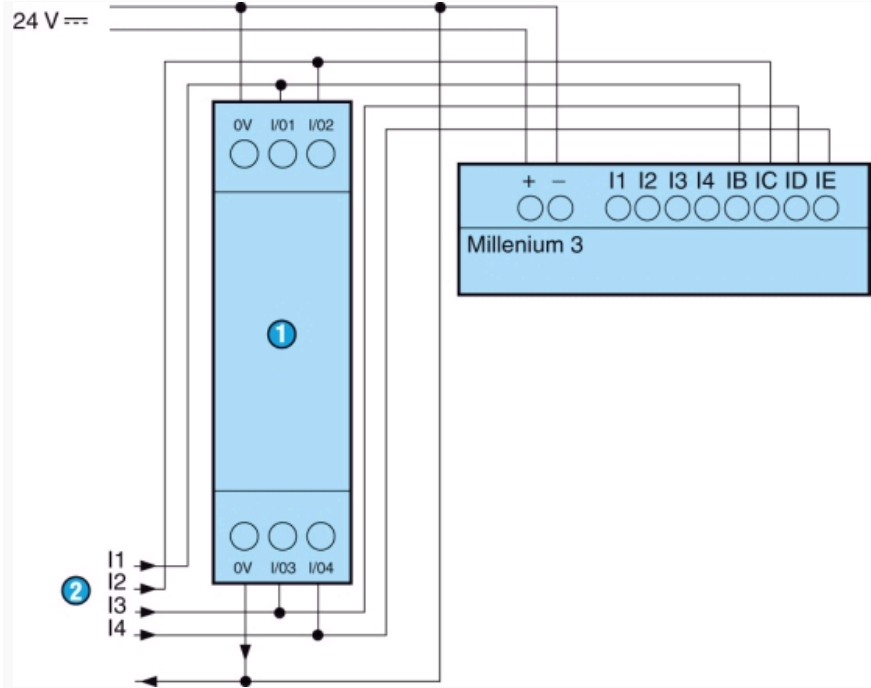
Dimensions (mm)



The diagram shows a 24V power supply (labeled 1) connected to a Millenium 3 LED strip light. The power supply has terminals for 0V, IN, and 24V. The LED strip light has terminals for +, -, I1, I2, I3, I4, IB, IC, ID, IE, O1, O2, O3, and O4. The connections are as follows: 0V to +, IN to -, 24V to O1, and the common ground to O2, O3, and O4. A blue circle with the number 2 is shown at the bottom left, indicating the common ground connection point.

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

Unless otherwise specified, the characteristics given are applicable to all or part of the product range selected



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

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