EvominiX CM PT100 4-20 mA converter, stainless housing

Programmable temperature converter for PT100 and PT1000
Output 4...20 mA, stainless steel casing 316L IP67, M12 connectors



KEY FEATURES

- 316L stainless steel case
- Direct mounting on the probe
- Configuration on PC

Description

Italcoppie's EvominiX CM takes over the functions of the EvominiX C in a stainless steel AISI 316L metal casing. It is suitable for demanding environments where a plastic casing is not enough: frequent washing, shocks or hygiene constraints.

316L stainless steel case

The metal body IP65/IP67 is resistant to cleaning, common chemicals, and mechanical stress. It weighs only 22 g.

Direct mounting on the probe

The M12 connectors at both ends allow it to be screwed onto a TRM or TRC probe and connected with a standard M12 cable.

Configuration on PC

The measurement range, signal sense and behavior in the event of a sensor failure are configured on a PC with the EVOMINI SET kit. The detection of a break and short circuit follows the NAMUR NE43 recommendation.

Typical applications

- Agro-food industry and beverages
- Pharmacy and chemistry
- Machines subjected to frequent washing
- Transmission 4...20 mA in a harsh environment

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Technical specifications

Series	EVOXCM
Entrance	PT100 or PT1000 (0.00385), 2, 3 or 4 wires
Measurement limits	-200 to 850 °C, min. scale 20 °C
Precision	±0.1 °C or ±0.1% of the scale
Outtake	4...20 mA or 20...4 mA, sensor failure according to NAMUR NE43
Response time	< 300 ms
Nutrition	5 to 32 VDC, protected against polarity inversion
Configuration	PC running Windows, EVOMINI KIT SET
Ambient temperature	-40 to 85 °C
Protection index	IP65 / IP67
Case	Stainless steel AISI 316L, approx. 22 g
Connections	M12 female (probe) and M12 male (output)

Technical advice and quote

DYNATIME SA distributes this product in Switzerland from Marin (NE). Our team helps you choose the right version for your application and sends you a quote quickly.
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