

CUBE67 I/O COMPACT MODULE

4 analog inputs

Compact module

AI4 - (C) 4× M12 (RTD)

for resistors and temperature

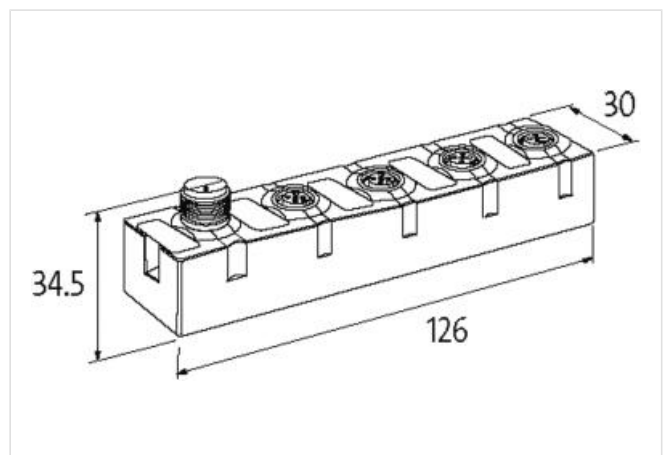
Metal parts: Stainless steel

Connection cables are in the online shop under "Connection Technology".

Housing fully potted.

[Link to Product](#)**Illustration**

Product may differ from Image

**General data**

Mounting method	2-hole screw mounting
Temperature range	0...+55 °C (storage temperature -20...+75 °C)
Protection	IP67
Dimensions H×W×D	126×30×34.5 mm

Input

Connection	2-, 3-, 4-wire technology
Accuracy	max. ±0.5% (of range limit)
Conversion time (analog)	approx. 58 ms per channel
Accuracy (Ni)	max. ±1% (of range limit)
Resolution (analog)	15 Bit + sign
Sensor type	Pt100, 200, 500, 1000; Ni100, 120, 200, 500, 1000; R 0...3000 Ω

Internal communication

LED display	US: sensor supply and internal supply voltage (green: OK); UA: actuator supply (green: OK)
Current consumption	max. 50 mA

Connections

Fieldbus	via internal system connection
Sensor-system/actuator supply	via internal system connection (max. 2× 4 A)
I/O ports	M12 (female) 5-pole, A-coded

Product article number of manufacturer 5674050

Diagnostic	
Communication status	via LED
Diagnostic via LED	per module and channel
Diagnostic via BUS	per module and channel
Actuator warning	per channel via LED and BUS
Monitoring - under voltage	yes
Monitoring - no voltage	yes
Wire break upper/lower limit overload	per channel via LED and BUS
Short-circuit and overload	yes