

CUBE67 I/O COMPACT MODULE

4 analog inputs (TH)

Compact module

AI4 - (C) 4× M12 (TH)

for thermo elements

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

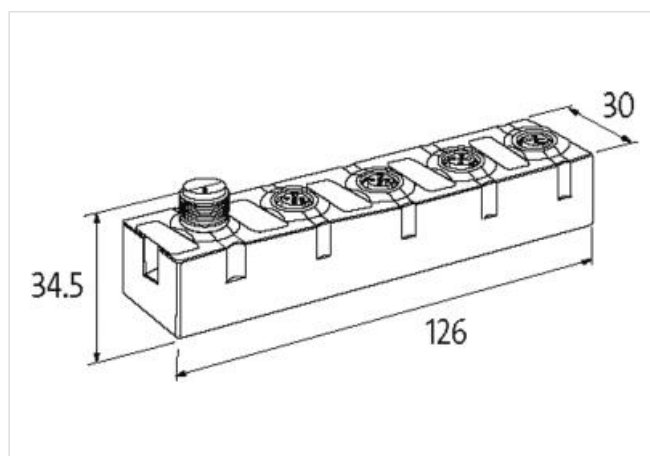
Housing fully potted.

[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-wire technology
Accuracy	max. ±0.5% (of range limit)
Conversion time (analog)	approx. 65 ms (per channel)
Resolution (analog)	15 Bit + sign
Sensor type	K, N, J, E, R
Cold junction compensation	inside M12 connector

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 56748

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