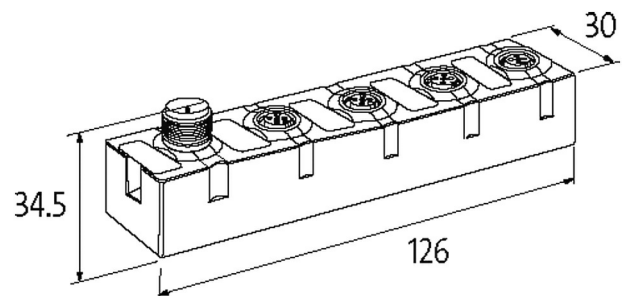
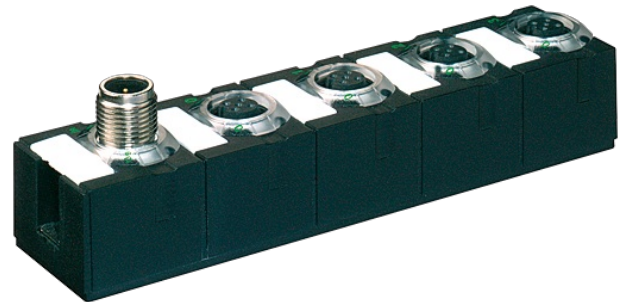


CUBE67 I/O COMPACT MODULE

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

Approvals**General data**

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

Input

Sensor type	K, N, J, E, R
Conversion time (analog)	approx. 65 ms (per channel)
Resolution (analog)	15 Bit + sign
Accuracy	max. ±0.5% (of range limit)
Connection	2-wire technology
Cold junction compensation	inside M12 connector

Internal communication

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

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

Diagnostic

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

Commercial data

country of origin	DE
customs tariff number	85389099
EAN	4048879048194
eClass	27242601
Packaging unit	1