

## CUBE67 I/O EXTENSION MODULE

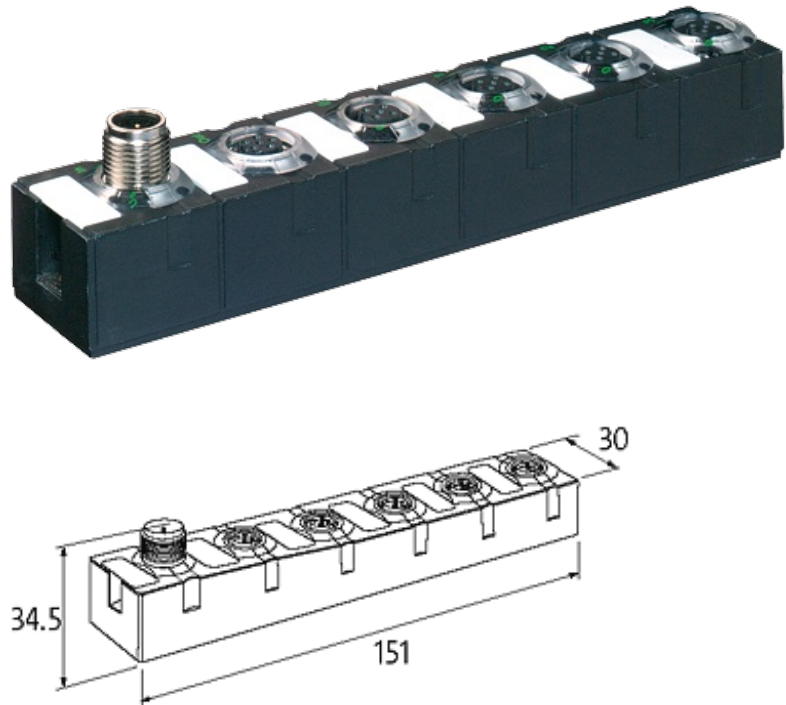
4 analog inputs (I)

Expansion module  
AI4 - (E) 4×M12 (I)  
Current

Housing fully potted. For connection cables please see chapter "Connection Technology"

### [Link to Product](#)

#### Illustration



Product may differ from Image

#### Approvals



#### Input

Conversion time (analog)	approx. 2 ms (per channel)
Sensor supply US	24 V DC (EN 61131-2), max. 200 mA (M12 female), short-circuit and overload protected
Resolution (analog)	15 Bit
Accuracy	max. $\pm 0.5$ % (of range limit)

### 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 (male) 5-pole, A-coded

### General data

Protection	IP67
Mounting method	2-hole screw mounting
Temperature range	0...+55 °C (storage temperature -20...+75 °C)
Dimensions H × W × D	150×30×34.5 mm

### Current input signals

Load	approx. 300 Ohm, differential input
Input range	0...20 mA, 4...20 mA

### 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	85176200
minimum order quantity	1