

**CUBE67 I/O EXTENSION MODULE, VA**

4 analog inputs

Expansion module

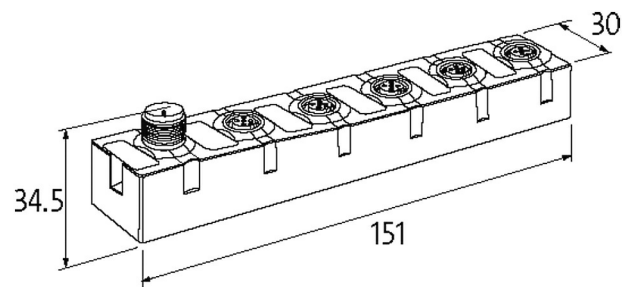
AI4 - (E) 4× M12 (U)

Voltage

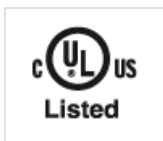
Metal parts: Stainless steel

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

Housing fully potted.

**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 + sign
Accuracy	max. ±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 (female) 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	151×30×34.5 mm

**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

**Voltage inputs**

Input resistor	approx. 1 MΩ, differential input
Input range	±10 V DC, 0...10 V DC

**Commercial data**

country of origin	DE
customs tariff number	85389099
EAN	4048879044837
eClass	27242601
Packaging unit	1