MURR ELEKTRONIK

stay connected

CUBE67 I/O EXTENSION MODULE
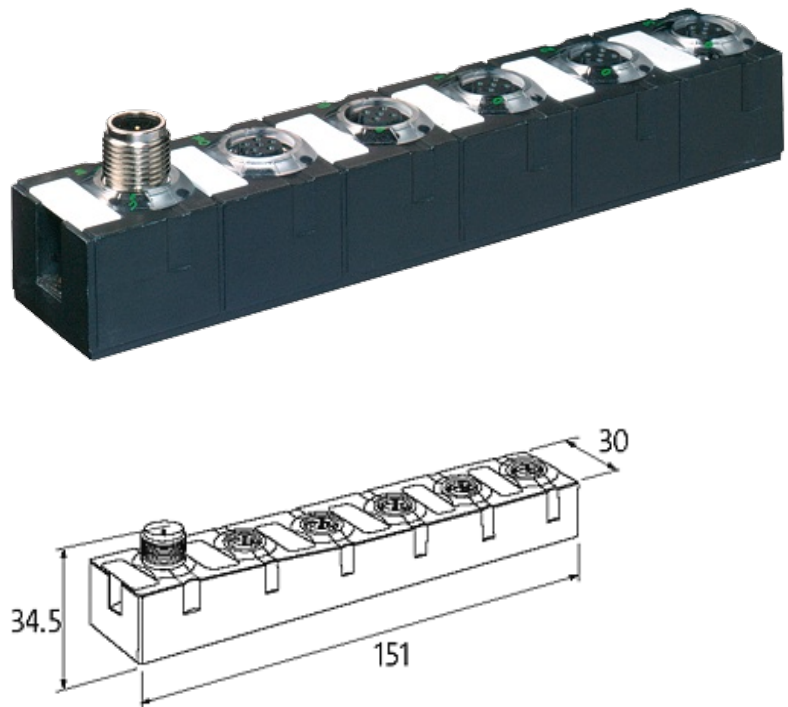
4 analog inputs (RTD)

Expansion module
AI4 - (E) 4×M12 (RTD)
for resistors and temperature

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

Link to Product

Illustration

Product may differ from Image

Approvals

Input	
Sensor type	Pt 100, 200, 500, 1000; Ni 100, 120, 200, 500, 1000; R 0...3000 Ohm
Conversion time (analog)	approx. 58 ms per channel
Resolution (analog)	15 Bit + sign
Accuracy	max. ±0.5 % (of range limit)
Accuracy (Ni)	max. ±1 % (of range limit)

Connection	2-, 3-, 4-wire technology

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

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