

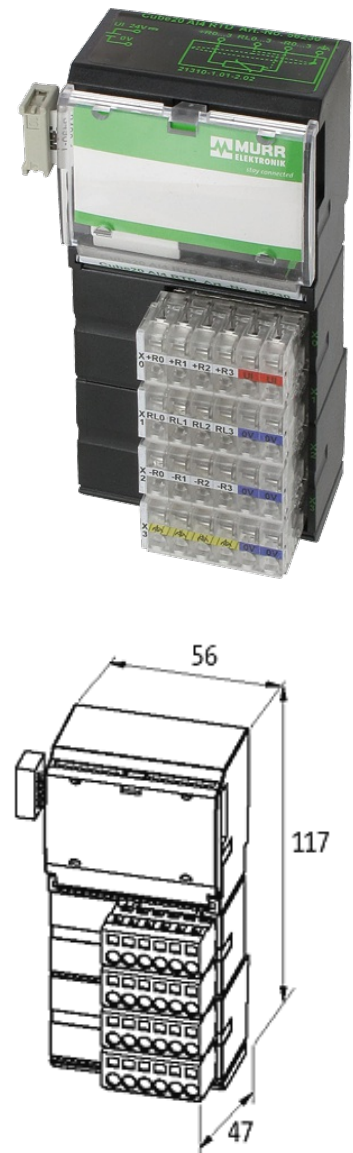
## CUBE20 ANALOG INPUT MODULE

4 analog inputs

for resistors and temperature  
AI4 - (E) RTD

### [Link to Product](#)

#### Illustration



Product may differ from Image

#### Approvals



### Input

Conversion time (analog)	max. 600 ms (per channel)
Type	Pt100, 200, 500; Ni100, 120, 200, 500, 1000, R 0...3000 Ohm
Resolution (analog)	15 Bit + sign
Accuracy	0.7...1.4 %
Connection	2-wire input: +Rx, -Rx / 3-wire input: +Rx, RLx, -Rx

### Internal communication

Module Supply	via system connection
Current consumption	max. 25 mA from system, max. 70 mA externally (UI)

### Connections

Fieldbus	Ribbon cable connection
Sensor-system/actuator supply	4 × Spring clamp terminals, max. 2.5 mm <sup>2</sup> (max. 12 A)
I/O ports	16 × Spring clamp plug-in terminals, max. 2.5 mm <sup>2</sup>

### Technical Data

Operating voltage	24 V DC (EN 61131-2)
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### General data

Protection	IP20
Mounting method	DIN-rail mountable (EN 60715)
Temperature range	0...+55 °C (storage temperature -20...+85 °C)
Dimensions H × W × D	117×56×47 mm

### Diagnostic

Communication status	via LED
Diagnostic via LED	per module
Diagnostic via BUS	per module and channel
Monitoring - under voltage	yes
Monitoring - no voltage	no
Short circuit and overload	yes
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