

CUBE20 ANALOG INPUT MODULE

4 analog inputs

for resistors and temperature

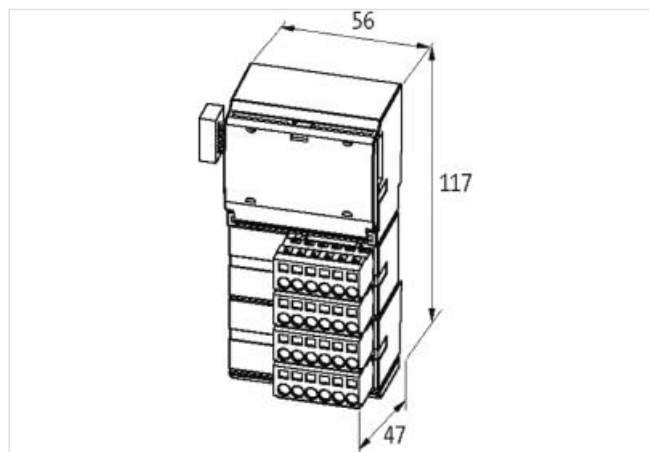
AI4 - (E) RTD

[Link to Product](#)

Illustration



Product may differ from Image



General data

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

Input

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

Internal communication

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

Connections

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

Product article number of manufacturer	56230
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Diagnostic

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