

CUBE20 AO4 U/I

Expansion module
AO4 - (E) U/I

[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 HxWxD	117x56x47 mm

Output

Resolution (analog)	15 Bit + sign
Conversion time (analog)	max. 1 ms (per channel)
Galvanic isolation	500 V DC between inputs and internal communication
Accuracy	max. 0.5%

Internal communication

Current consumption	max. 25 mA from system, max. 90 mA externally (UI), idle load
Module supply	via system connection

Voltage output signals

Input range	± 10 V DC, 0...10 V DC
Load	min. 1 k Ω , (EN 61131-2)

Current outputs

Input range	0...20 mA, 4...20 mA
Load	max. 60 Ω (EN 61131-2)

Connections

Fieldbus	Ribbon cable connection
Sensor-system/actuator supply	4x spring clamp plug-in terminals, max. 2.5 mm ² (max. 12 A)
I/O ports	24x spring clamp plug-in terminals, max. 2.5 mm ²

Diagnostic

Communication status	via LED
Diagnostic via LED	per module and channel
Diagnostic via BUS	per module and channel
Actuator warning	per channel via LED and BUS
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

Commercial data

country of origin	DE
customs tariff number	85176200
EAN	4048879049207
eClass	27242601
Packaging unit	1.000