MURR ELEKTRONIK

stay connected

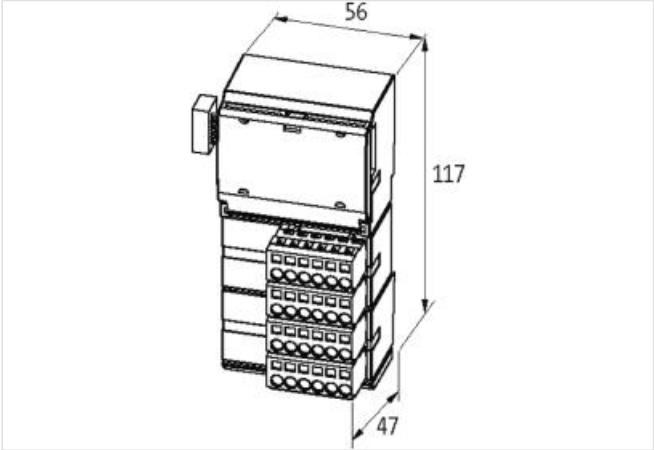## CUBE20 ANALOG INPUT MODULE

4 analog inputs

AI4 - (E) 4× M12 (TH)
for thermo elements

Link to Product

Illustration

Product may differ from Image

Commercial data	
ECLASS-6.0	27242601
ECLASS-6.1	27242601
ECLASS-7.0	27242601
ECLASS-8.0	27242601
ECLASS-9.0	27242601
ECLASS-10.1	27242601
ECLASS-11.1	27242601
ECLASS-12.0	27242601
ETIM-5.0	EC001596
customs tariff number	85176200
GTIN	4048879049177
Packaging unit	1

Electrical data	Supply	
Idle current external max.	45 mA
Current consumption max.	25 mA
Total current UA max.	4 A
Total current US max.	4 A
module supply	via system connection

Electrical data	Input	
Type input	E, J, K, N, R
Conversion time analog input per channel max.	300 ms

Diagnostics	

Diagnostic	Under voltage
Diagnostic via BUS	per module and channel
Diagnostic via LED	per module
Short circuit diagnosis	yes
LED display	Ethernet connection/data traffic
Overload diagnosis	yes
Installation	
Connection cross section max.	2,5 mm²
Device protection | Electrical	
Degree of protection (EN IEC 60529)	IP20
Mechanical data | Mounting data	
Mounting method	geschnappt
Suitable for mounting type	mounting rail, (EN 60715)
Height	117 mm
Width	56 mm
Depth	47 mm
Environmental characteristics | Climatic	
Operating temperature min.	0 °C
Operating temperature max.	55 °C
Storage temperature min.	-20 °C
Storage temperature max.	85 °C
Connection type 4	
Connection type 1	X0
Connection type 2	X1
Connection type 3	X2
Connection type 4	X2
Connection	Spring clamp terminals FK
Family construction form	terminal
Gender	female
Color contact carrier	colorless
No. of poles	6
PIN 1	TH 0 +
PIN 2	TH 1 +
PIN 3	TH 0 +
PIN 4	TH 1 +
PIN 5	UI
PIN 6	UI
Connection	Spring clamp terminals FK
Family construction form	terminal
Gender	female
Color contact carrier	colorless
No. of poles	6
PIN 1	KTY 0
PIN 2	KTY 0
PIN 3	KTY 1
PIN 4	KTY 1
PIN 5	0 V
PIN 6	0 V
Connection	Spring clamp terminals FK
Family construction form	terminal
Gender	female
Color contact carrier	colorless

No. of poles	6
PIN 1	FE
PIN 2	FE
PIN 3	FE
PIN 4	FE
PIN 5	0 V
PIN 6	0 V
Connection	Spring clamp terminals FK
Family construction form	terminal
Gender	female
Color contact carrier	colorless
No. of poles	6
PIN 1	TH 0 -
PIN 2	TH 1 -
PIN 3	TH 0 -
PIN 4	TH 1 -
PIN 5	0 V
PIN 6	0 V