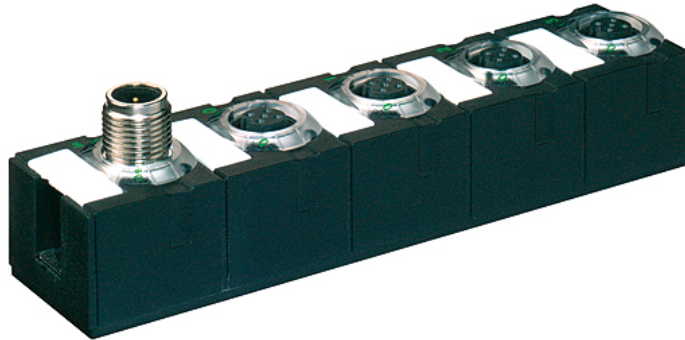


Cube67 I/O compact module 4 analog inputs

Compact module
AI4 - (C) 4×M12 (TH)
for thermo elements

Image

- Analog inputs

Vicarious picture

Approvals**Internal communication**

Module supply	via internal system connection
LED display	US: sensor supply and internal supply voltage (green: OK); UA: actuator supply (green: OK)
Current consumption	max. 50 mA

Input

Sensor type	K, N, J, E, R
Conversion time (analog)	approx. 65 ms per channel
Accuracy	$\leq \pm 0.5\%$ (of range limit)
Connection	2-wire technology
Cold junction compensation	inside M12 connector

Diagnostic

Communication status	via LED
Diagnostic via LED	per module and channel
Diagnostic via BUS	per module and channel
Monitoring - under voltage	per module and output
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

General data

Temperature range	0...+55 °C (storage temperature -20...+75 °C)
Mounting method	2-hole screw mounting

Commercial data

Net weight	120
Weight unit	gram
Basic unit	pc.
Customs tariff number	85176200
Unit (piece)	1
Limited value	1

All data on this data sheet was compiled carefully.

Liability regarding correctness, completeness, and actuality is limited to gross negligence. Created: 04/13

Accessories		Art.-No.
Cube67 Accessories cold junction compensation plug M12 straight		56945
Cube67 Accessories cold junction compensation plug M12 male 90°		56946
Comments		
Housing fully potted.		
For connection cables please see chapter "Field passive"		

Dimension drawing

