

CUBE67 I/O COMPACT MODULE

4 analog inputs

Compact module

AI4 - (C) 4xM12 (I)

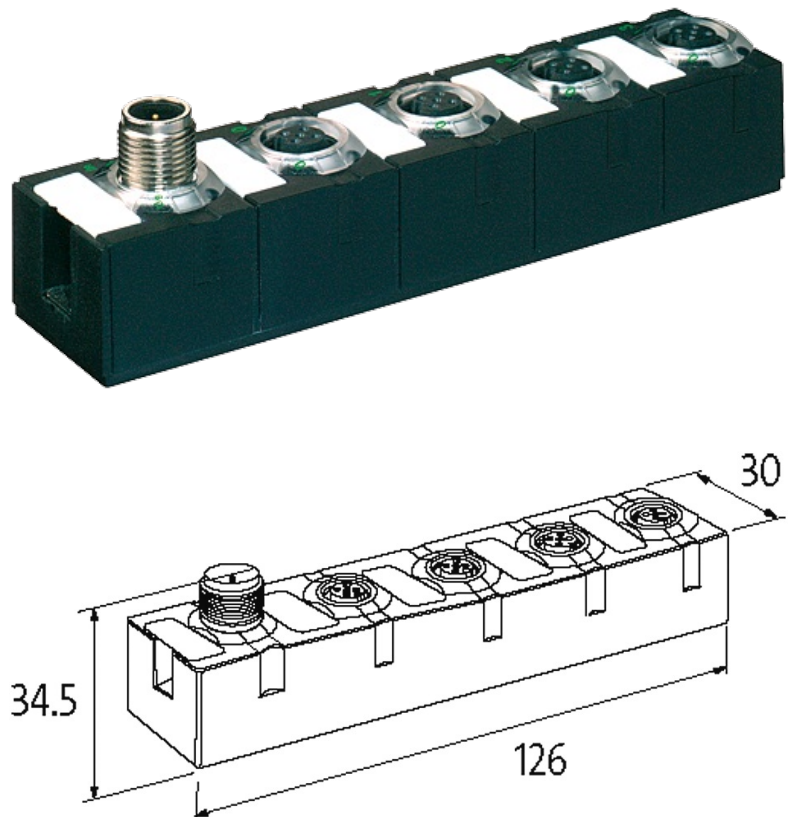
Current

Metal parts: Stainless steel

Connection cables are in the online shop under "Connection Technology". Housing fully potted.

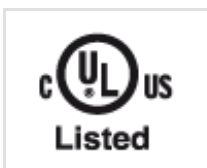
[Link to Product](#)

Illustration



Product may differ from Image

Approvals



Input

Conversion time (analog)

approx. 2 ms (per channel)

Sensor supply US	24 V DC (EN 61131-2), max. 200 mA (M12 female), short-circuit and overload protected
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Resolution (analog)	15 Bit
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Accuracy	max. $\pm 0.5\%$ (of range limit)
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Internal communication

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

Fieldbus	via internal system connection
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Sensor-system/actuator supply	via internal system connection (max. 2x4 A)
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I/O ports	M12 (female) 5-pole, A-coded
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General data

Protection	IP67
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Mounting method	2-hole screw mounting
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Temperature range	0...+55 °C (storage temperature -20...+75 °C)
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Dimensions H x W x D	126x30x34.5 mm
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Current input signals

Load	approx. 300 Ω , differential input
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Input range	0...20 mA, 4...20 mA
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Diagnostic

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

country of origin	DE
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customs tariff number	85389099
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EAN	4048879044806
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eClass	27242601
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Packaging unit	1
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