

CUBE67 I/O COMPACT MODULE

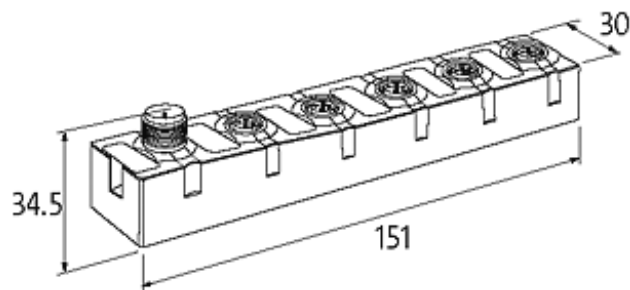
4 analog inputs (U)

Expansion module
AI4 - (E) 4×M12 (U)
Voltage

For connection cables please see chapter "Connection Technology" All housings are fully potted

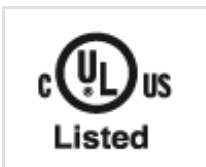
[Link to Product](#)

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
Resolution (analog)	15 Bit + sign

Accuracy	max. ± 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. 2×4 A)
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I/O ports	M12 (male) 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 × W × D	151×30×34.5 mm
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Voltage inputs

Input resistor	approx. 1 MOhm, differential input
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Input range	± 10 V DC, 0...10 V DC
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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	85176200
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minimum order quantity	1
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