

## CUBE67 I/O EXTENSION MODULE

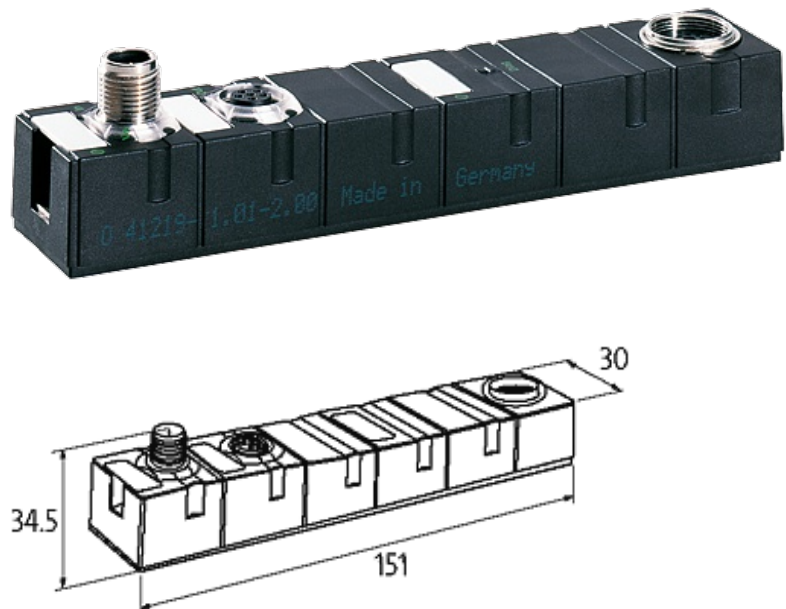
8 multifunction channels

Expansion module  
DIO8 - 0.5 A (E) 1×M16  
Multifunctional I/Os

Housing fully potted. For connection cables please see chapter "Connection Technology"

### [Link to Product](#)

#### Illustration



Product may differ from image

#### Approvals



#### Input

Sensor supply US	24 V DC (EN 61131-2), max. 200 mA
Type	for 3-wire sensors or mechanical switches, PNP, (EN 61131-2)
Input filter	1 ms

#### Internal communication

Current consumption	max. 30 mA
LED display	US: sensor supply and internal supply voltage (green: OK); UA: actuator supply (green: OK)

### Connections

Fieldbus	via internal system connection
Sensor-system/actuator supply	via internal system connection (max. 2×4 A)
I/O ports	M16 (female)

### General data

Protection	IP67
Mounting method	2-hole screw mounting
Temperature range	0...+55 °C (storage temperature -20...+75 °C)
Dimensions H × W × D	150×30×34.5 mm

### Parameterization

I/O channels	Input/output
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### Output

Actuator supply UA	24 V DC (EN 61131-2), via system connection (max. 4 A)
Switching current per output	max. 0.5 A (short-circuit and overload protected)

### Diagnostic

Communication status	via LED
Diagnostic via LED	per module
Diagnostic via BUS	per module and channel
Monitoring - under voltage	yes
Monitoring - no voltage	yes
Short circuit and overload	yes
Actuator warning	per channel via BUS

### Commercial data

country of origin	DE
customs tariff number	85176200
minimum order quantity	1