

## CUBE67 I/O EXTENSION MODULE

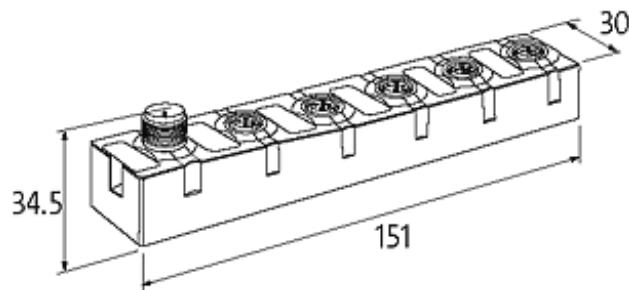
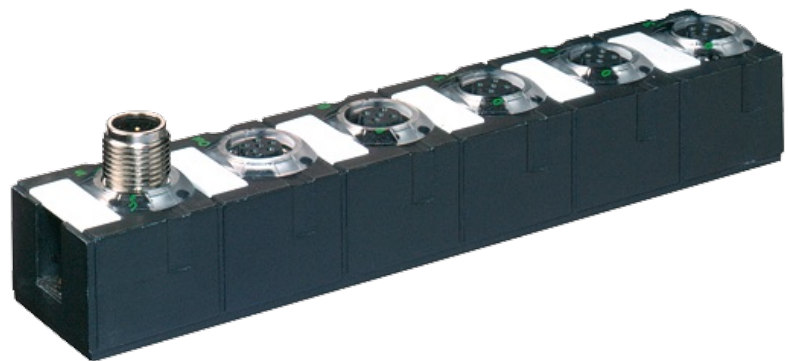
8 digital NPN inputs

Expansion module  
DI8 - (E) NPN (4×M12)

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 (M12 female), short-circuit and overload protected
Type	for 3-wire sensors or mechanical switches, NPN, (EN 61131-2)
Input filter	1 ms

#### Internal communication

Current consumption	max. 50 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	M12 (male) 5-pole, A-coded

### General data

Protection	IP67
Mounting method	2-hole screw mounting
Temperature range	0...+55 °C (storage temperature -20...+75 °C)
Dimensions H × W × D	151×30×34.5 mm

### Parameterization

PIN 2	Input/diagnostic
PIN 4	Input

### Diagnostic

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

### Commercial data

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