

CUBE67 I/O COMPACT MODULE, 8 multifunction channels

Cube67 DIO8 C 4xM8 4-pole

Compact module

DIO8 - 0.5 A (C) - 4x M8

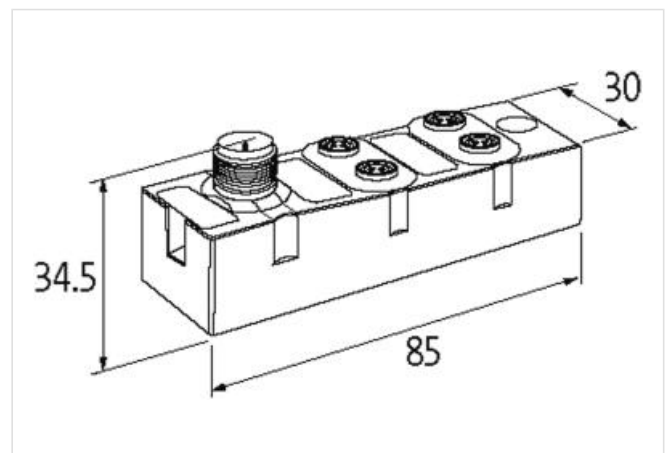
4-pole

short-circuit and overload protected

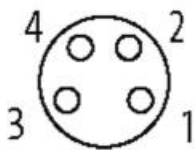
Digital inputs/outputs (multifunctional)

Connection cables are in the online shop under "Connection Technology".

Housing fully potted.

[Link to Product](#)**Illustration**

Female

PIN 1: U_s : +24 V

PIN 2: DIO 0.5 A 0.x

PIN 3: 0 V DC

PIN 4: DIO 0.5 A 1.x

Product may differ from Image

**General data**

Mounting method	2-hole screw mounting
Temperature range	0...+55 °C (storage temperature -20...+75 °C)
Protection	IP67

The information in this brochure has been compiled with the utmost care.

Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2022-11-13

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Dimensions H×W×D 85×30×34.5 mm

Output

Lamp load	10 W
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)

Input

Sensor supply US	24 V DC (EN 61131-2), max. 200 mA (M8 female), short-circuit and overload protected
Type	for 3-wire sensors or mechanical switches, PNP
Input filter	1 ms

Internal communication

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

Parameterization

PIN 4	Input/Output
PIN 2	Input/Output/Diagnostic

Connections

Fieldbus	via internal system connection
Sensor-system/actuator supply	via internal system connection (max. 2× 4 A)
I/O ports	M8 (female) 4-pole, A-coded

Product article number of manufacturer 56627

Diagnostic

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