

## TERMINAL MODULE CUBE 67 IP67

8 digital inputs, 8 multifunction channels

Terminal module

DIO8/DI8 - (E) TB-Box

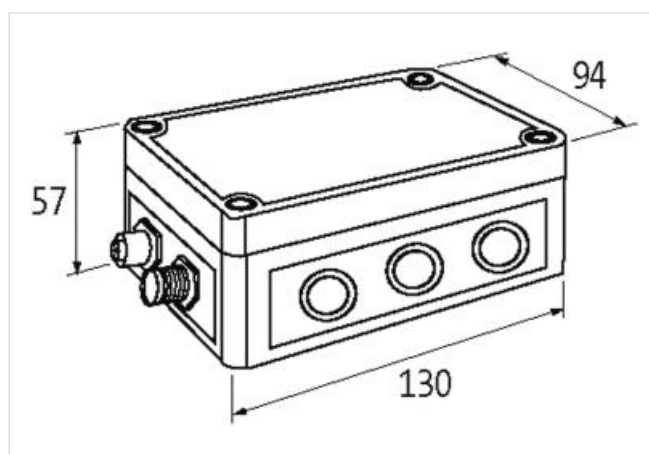
Connection cables are in the online shop under "Connection Technology".

### [Link to Product](#)

#### Illustration



Product may differ from Image



#### General data

Mounting method	screw fixing
Temperature range	0...+55 °C (storage temperature -20...+75 °C)
Protection	IP66
Dimensions H×W×D	130×94×57 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. 8× 200 mA
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. 50 mA

#### Parameterization

Terminal row X1 (8 channels)	Input/Output
Terminal row X0 (8 channels)	Input

#### Connections

Fieldbus	via internal system connection
Sensor-system/actuator supply	via internal system connection (max. 2× 4 A)
I/O ports	16× spring clamp plug-in terminals, max. 2.5 mm <sup>2</sup>

Product article number of manufacturer 56681

#### Diagnostic

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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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