

## MVK I/O COMPACT MODULE, METAL

Profibus DP, 16 multifunction channels

Digital inputs/outputs

DIO8 DIO8

PROFIBUS 12 Mbit/s; M12, B-coded

7/8", 5-pole, 2× max. 9 A

M12, 5-pole, A-coded

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

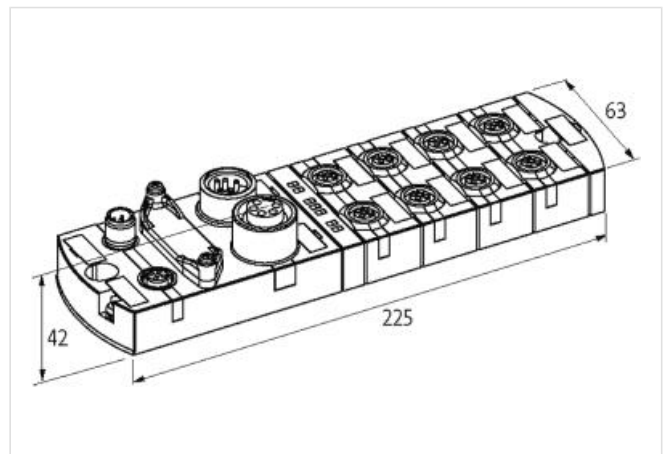
Housing fully potted.

### [Link to Product](#)

#### Illustration



Product may differ from Image



#### General data

Mounting method	2-hole screw mounting
Temperature range	-25...+55 °C (storage temperature -25...+70 °C)
Protection	IP67
Dimensions H×W×D	42×63×225 mm

#### PROFIBUS

Addressing	Rotary switch 1...99
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#### Output

Lamp load	10 W
Actuator supply UA	24 V DC (EN 61131-2), max. 9 A
Switching current per output	max. 1.6 A (short-circuit and overload protected)

#### 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, PNP

#### Parameterization

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

#### Connections

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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Fieldbus	PROFIBUS 12 Mbit/s; M12, B-coded
Sensor-system/actuator supply	7/8", 5-pole, 2× max. 9 A
I/O ports	M12, 5-pole, A-coded
Product article number of manufacturer	55309
<b>Diagnostic</b>	
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
Cable break	per port