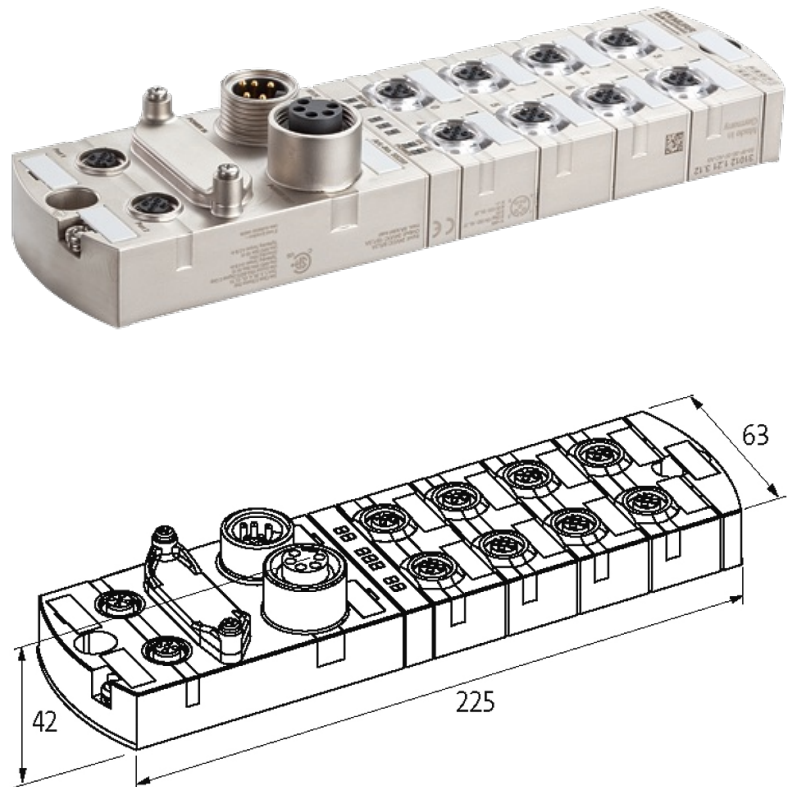


**MVK-MPNIO DIO8 (DIO8)**

Use module only for spare parts!

Digital inputs/outputs  
DIO8 (DIO8)  
M12, D-coded

Connection cables are in the online shop under "Connection Technology". Housing fully potted.

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

Product may differ from Image

**Approvals****More Info**



### 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

### Connections

Fieldbus	Ethernet 10/100 Mbit/s; M12, D-coded
Sensor-system/actuator supply	7/8", 5-pole, 2 × max. 9 A
I/O ports	M12, 5-pole, A-coded

### Module supply

Operating voltage	24 V DC (EN 61131-2)
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### General data

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

### PROFINET

Specification	V2.2, Conformance Class B
Addressing	DCP

### Output

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)
Lamp load	10 W

### Parameterization

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

### 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
Actuator warning	per channel via LED and BUS
Cable break	per port

### Commercial data

country of origin	DE
customs tariff number	85389099
EAN	4048879051620
eClass	27242604
Packaging unit	1