

## MVK-MPNIO DIO16 M12L 4P

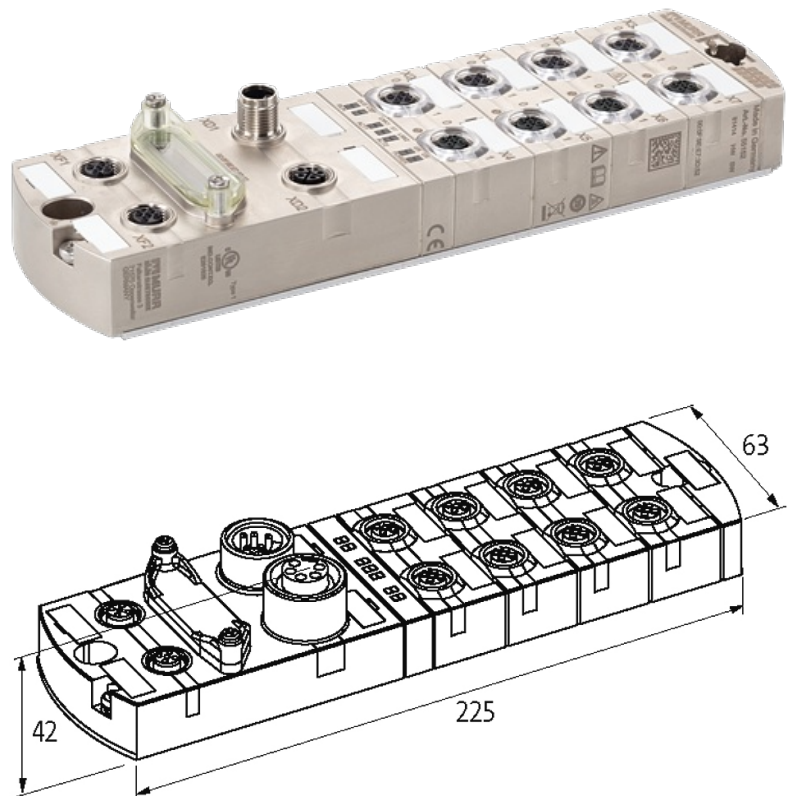
ProfiNet, Compact module, metal

Digital inputs/outputs  
DIO16 (IRT)  
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

#### 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	M12 Power, 4-pole, L-coded, 2 × max. 16 A
I/O ports	M12, 5-pole, A-coded

### General data

Protection	IP67
Mounting method	2-hole screw mounting
Dimensions H × W × D	42×63×225 mm
Temperature range	-25...+60 °C (storage temperature -25...+70 °C)

### PROFINET

FSU (Fast-Start-Up)	max. 500 ms
Shared Device/Input	yes, for 2 controls
PROFINET Netload Class	III
Specification	V2.3, Conformance Class C (IRT)
MRP	yes
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 (port X0...X7)
PIN 2	Input/Output (port X0...X7)

### 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	4048879735780
Packaging unit	1