

MVK MPNIO DO16 galvanic separation

MVK PROFINET compact module, metal

Digital outputs

DO16 (IRT)

Ethernet 10/100 Mbit/s; M12, D-coded

7/8", 5-pole, max. 9 A, protection against reverse polarization

M12, 5-pole, A-coded

FSU (Fast-Start-Up)

Galvanic isolation

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

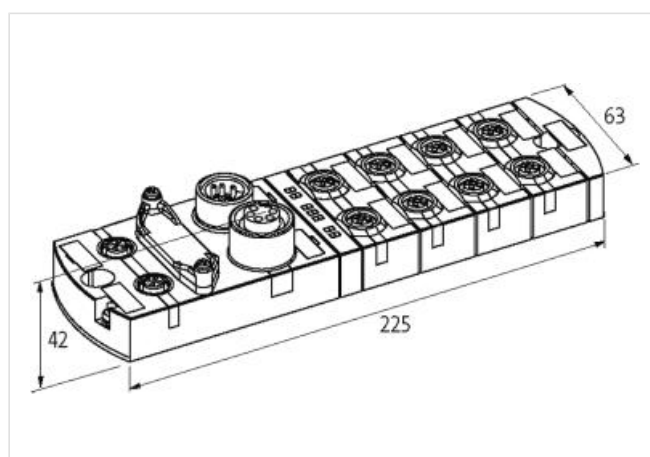
Housing fully potted.

[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	39×63×225 mm

Output

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

Parameterization

PIN 4	Output
PIN 2	Output

Connections

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

PROFINET

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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Specification V2.3, Conformance Class C (IRT)

Addressing	DCP
FSU (Fast-Start-Up)	max. 500 ms
PROFINET Netload Class	III
MRP	yes
Shared Device	yes, for 2 controls

Product article number of manufacturer 54532**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
Cable break	per port