

MVK+MPNIO DI8 DO8 POF IRT

Push Pull galvanic separation

Digital inputs/outputs

DI8 DO8 (IRT)

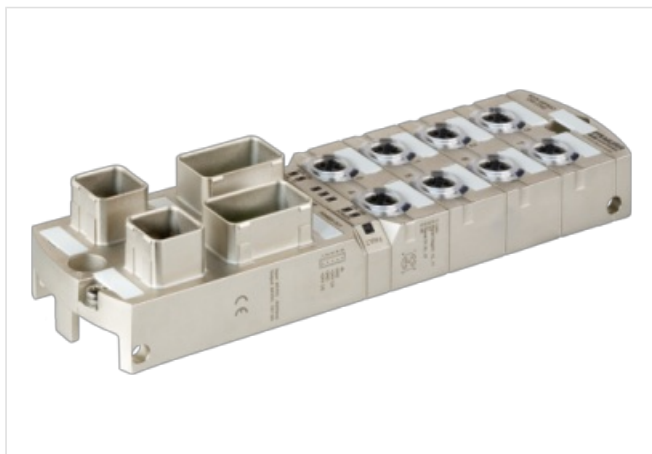
Ethernet 10/100 Mbit/s; 2× SCRJ45 POF Push Pull

Push Pull Power connector, max. 12 A

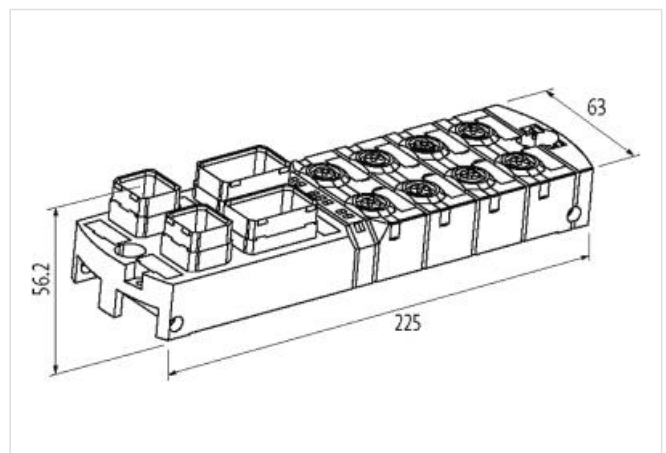
M12, 5-pole, A-coded

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	0...+55 °C (storage temperature -20...+70 °C)
Protection	IP67
Dimensions H×W×D	56.2×63×225 mm

Output

Lamp load	10 W
Actuator supply UA	24 V DC (EN 61131-2), max. 12 A
Switching current per output	max. 2 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 (port 4...7); Output (port 0...3)
PIN 2	Input (port 4...7); Output (port 0...3)

Connections

Fieldbus	Ethernet 10/100 Mbit/s; 2× SCRJ45 POF Push Pull
Sensor-system/actuator supply	Push Pull Power connector, max. 12 A

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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I/O ports M12, 5-pole, A-coded

PROFINET	
Specification	V2.2, 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 55255

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
Further	POF - dumping/length measurement
Monitoring - under voltage	yes
Monitoring - no voltage	yes
Short-circuit and overload	yes
Cable break	per port