

**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

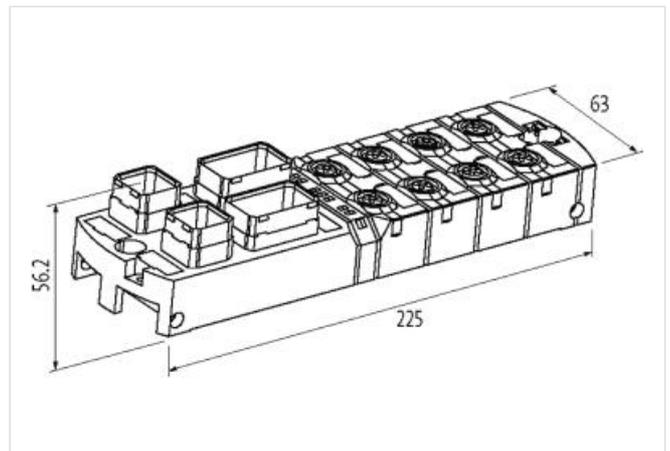
M12, 5-pole, A-coded

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