

**MVK+ MPNIO DI8 DI8 IRT PUSH PULL**

MVK ProfiNet, metal, galvanic separation

Digital inputs

DI8 DI8 (IRT)

Ethernet 10/100 Mbit/s; Push Pull RJ45 Data connector

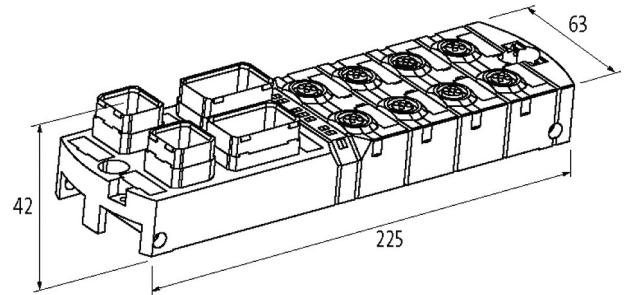
Push Pull Power connector, max. 12 A

M12, 5-pole, A-coded

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	0...+55 °C (storage temperature -20...+70 °C)
Protection	IP67
Dimensions H×W×D	42.7×63×225 mm

**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
PIN 2	Input

**Connections**

Fieldbus	Ethernet 10/100 Mbit/s; Push Pull RJ45 Data connector
Sensor-system/actuator supply	Push Pull Power connector, max. 12 A
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

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: 03/22

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**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

**Commercial data**

country of origin	DE
customs tariff number	85389099
EAN	4048879461672
eClass	27242604
Packaging unit	1.000