

MVK-MPNIO F DI8/4 F DO4

MVK ProfiNet/PROFIsafe Compact module, metal,

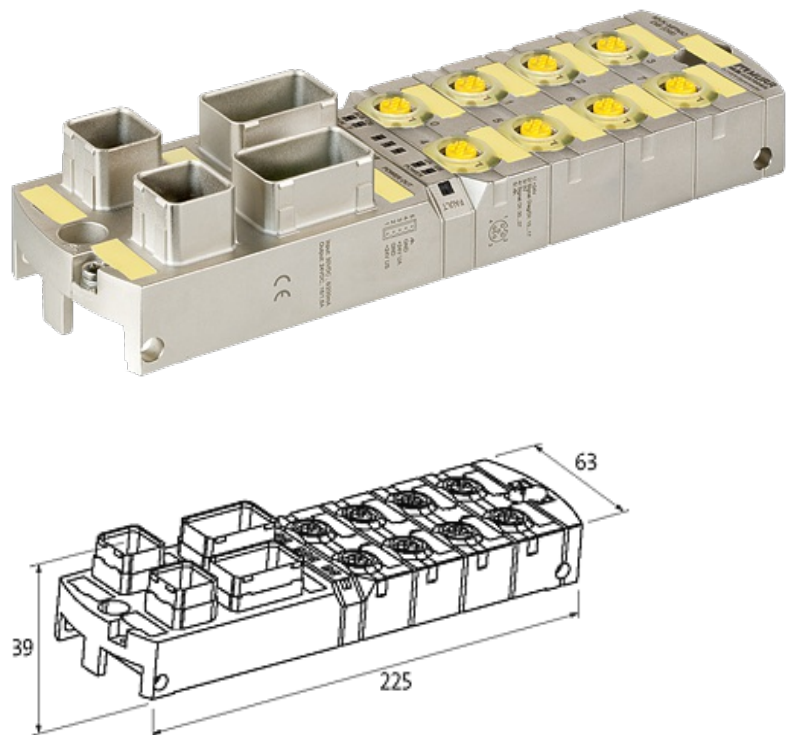
safe inputs/outputs up to cat.4/PLe (EN ISO 13849-1), up to SIL3 (IEC 61508), up to SILCL3 (IEC 62061)

DI8/4 F DO4

Push Pull RJ45 Data connector

[Link to Product](#)

Illustration



Product may differ from Image

Approvals



More Info



Safety Indicators

PL	up to e
Category	up to 4
PFH	1.653E-9
DC	98 %
SIL	up to 3
SIL CL	up to 3
Service life	20 years

Connections

Fieldbus	Push Pull RJ45 Data connector
Sensor-system/actuator supply	Power plug, Push Pull, max. 12 A
I/O ports	M12, A-coded, 5-pole

Fieldbus

Operating voltage	24 V DC (EN 61131-2)
Operating modes	Autonegotiation/Auto MDI/MDI-X
Transfer rate	to 100 Mbit/s Full Duplex
Addressing	DCP

General data

Protection	IP67
Mounting method	2-hole screw mounting
Temperature range	-20...+55 °C (storage temperature -40...+70 °C)
Dimensions H × W × D	44×63×225 mm

Safety input

Sensor supply US	24 V DC (EN 61131-2), max. 200 mA (PIN 1+5), short-circuit and overload protected, or max. 700 mA for only one PIN
Type	for electronic sensors or mechanical switches

Safe output

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

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
Cross-link detection	Sensor-/Actuator
Wire break detection	yes

Commercial data

country of origin	DE
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customs tariff number	85389099
minimum order quantity	1