

## MVK+MPNIO DI8 DO8 POF (POLYMER OPTICAL FIBER)

Push Pull galvanic separation

Digital inputs/outputs

DI8 (DO8)

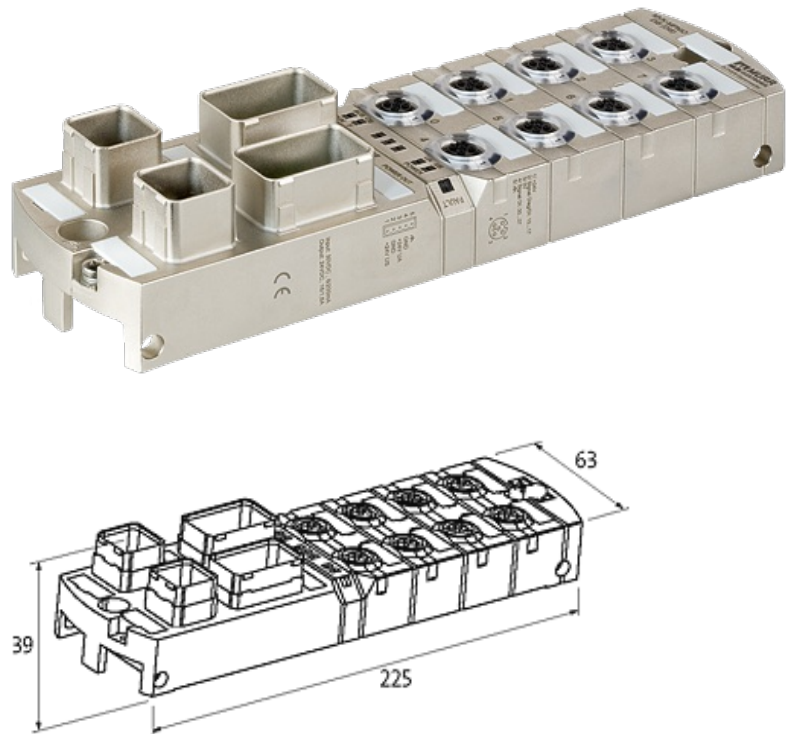
Push Pull

POF

For connection cables please see chapter "Connection Technology" All housings are fully potted

### [Link to Product](#)

#### Illustration



Product may differ from Image

#### More Info



#### 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, (EN 61131-2)

### Connections

Fieldbus	2 × SCRJ45 POF-Push Pull
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/MRP
Transfer rate	to 100 Mbit/s Full Duplex
FSU (Fast-Start-Up)	max. 500 ms

### General data

Protection	IP67
Mounting method	2-hole screw mounting
Temperature range	0...+55 °C (storage temperature -20...+70 °C)
Dimensions H × W × D	56.2×63×225 mm

### Parameterization

PIN 4	Input (female 4...7); output (female 0...3)
PIN 2	Input (female 4...7); output (female 0...3)

### Output

Actuator supply UA	24 V DC (EN 61131-2), max. 12 A
Switching current per output	max. 2 A (short-circuit and overload protected)
Lamp load	10 W

### 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
Cable break	per port
Further	POF- dumping/length measurement

### Commercial data

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