

**MVK-MPNIO DIO14 DIO2/IOL2 M12L 5P**

ProfiNet, Compact module, metal

Digital inputs/outputs

DIO14 DIO2/IOL2 (IRT)

Ethernet 10/100 Mbit/s; M12, D-coded

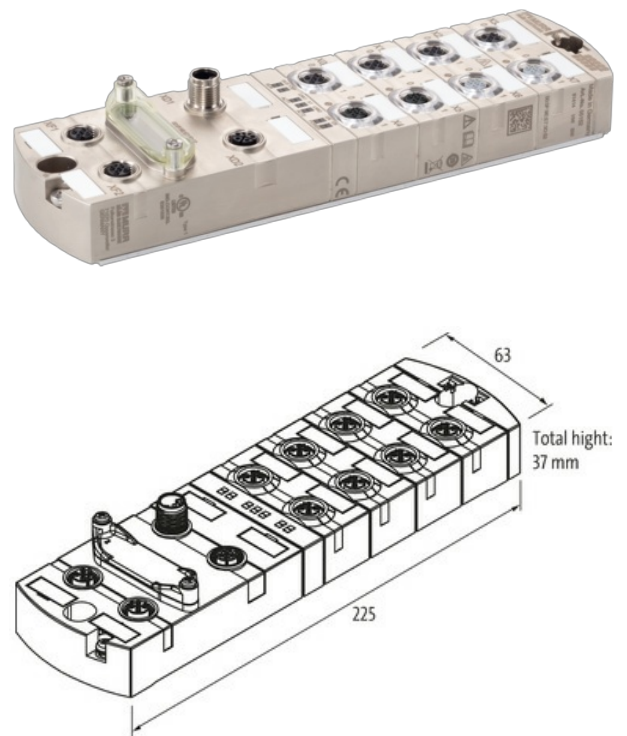
M12 Power, 5-pole, L-coded

M12, 5-pole, A-coded

IO-Link Master V1.12

Connection cables are in the online shop under "Connection Technology".

Housing fully potted.

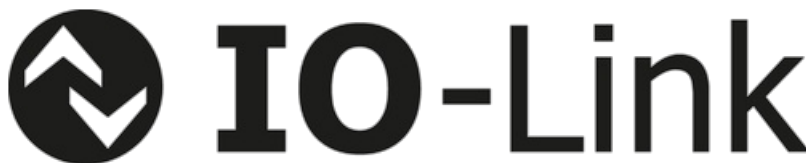
[Link to Product](#)**Illustration**

Product may differ from Image

**Approvals**



## More Info



## General data

Mounting method	2-hole screw mounting
Temperature range	-25...+60 °C (storage temperature -25...+70 °C)
Protection	IP67
Dimensions H×W×D	37×63×225 mm

## Output

Lamp load	10 W
Actuator supply UA	24 V DC (EN 61131-2), max. 9 A
Switching current per output	max. 1.6 A (short-circuit and overload protected)

## Input

Sensor supply US 24 V DC (EN 61131-2), max. 200 mA (M12 female)/max. 1 A (IO-Link female), short-circuit and overload protected

Type for 3-wire sensors or mechanical switches, PNP, IO-Link Devices

#### IO-Link

Specification IO-Link Master V1.12

Port Class Class B (not galvanically separated)

IO-Link 2× Master

Transfer parameters 32 Byte (per IO-Link port)

Operating modes COM1; COM2; COM3 (automatic)

#### Parameterization

PIN 4 Input/Output (port X0...X7); IO-Link Master (port X6, X7)

PIN 2 Input/Output (port X0...X7); U-Actuator IO-Link Class B (port X6, X7)

#### Connections

Fieldbus Ethernet 10/100 Mbit/s; M12, D-coded

Sensor-system/actuator supply M12 Power, 5-pole, L-coded, 2× max. 16 A

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

#### PROFINET

Specification V2.3, Conformance Class C (IRT)

Addressing DCP

FSU (Fast-Start-Up) max. 500 ms

PROFINET Netload Class III

MRP yes

Shared Device/Input yes, for 2 controls

#### 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 4048879778398

eClass 27242604

Packaging unit 1.000