

Impact67 PN DIO12 DIO4/IOL4 M12L 4P

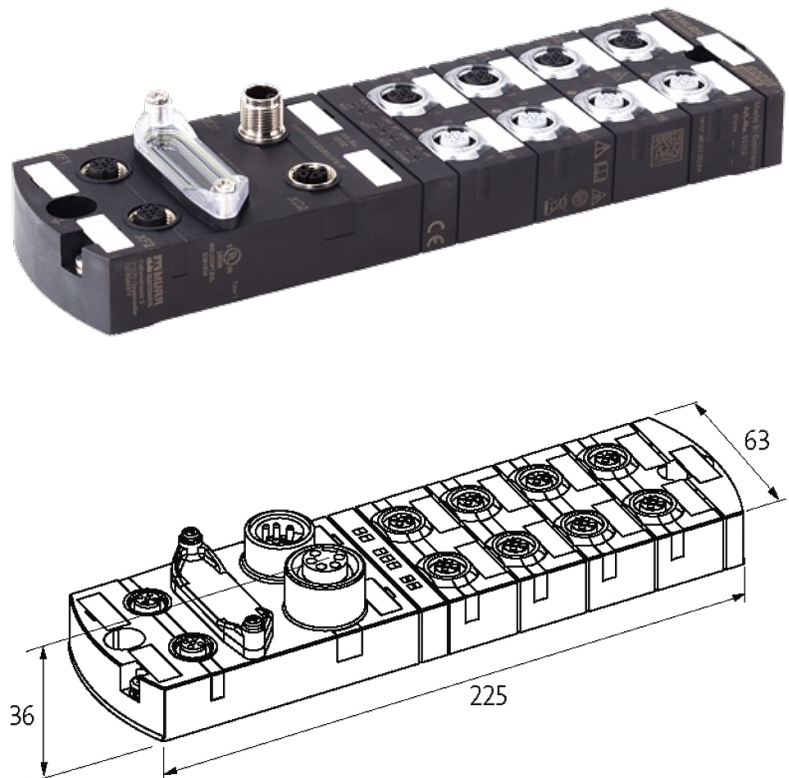
ProfiNet, Compact module,

Digital inputs/outputs
DIO12 IOL4 (IRT)
M12, D-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

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, IO-Link Devices

Connections

Fieldbus	Ethernet 10/100 Mbit/s; M12, D-coded
Sensor-system/actuator supply	M12 Power, 4-pole, L-coded, 2 × max. 16 A
I/O ports	M12, 5-pole, A-coded

General data

Protection	IP67
Mounting method	2 hole screw mounting, compatible with I/O modules of MVK model range
Dimensions H × W × D	39×63×225 mm
Temperature range	-25...+55 °C (storage temperature -25...+70 °C)

PROFINET

FSU (Fast-Start-Up)	max. 500 ms
Shared Device/Input	yes, for 2 controls
PROFINET Netload Class	III
Specification	V2.3, Conformance Class C (IRT)
Addressing	DCP

IO-Link

IO-Link	4 × Master
Operating modes	COM1; COM2; COM3 (automatic)
Transfer parameters	32 Byte (via IO-Link Port)
Port Class	Class A + B (not galvanically separated)
Specification	IO-Link Master V1.12

Output

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)
Lamp load	10 W

Parameterization

PIN 4	Input/Output (port X0...X7); IO-Link Master (port X4...X7)
PIN 2	Input/Output (port X0...X7); U-Actuator IO-Link Class B (port X4...X7)

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

Commercial data

country of origin	DE
EAN	4048879735766
Packaging unit	1