

IMPACT67 E DIO12 DIO4/IOL4 4P

IMPACT67 EthernetIP compact module, plastic housing,

Digital inputs/outputs

DIO12 IOL4

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

7/8", 4-pole, 2× max. 9 A

M12, 5-pole, A-coded

DLR (Device Level Ring)

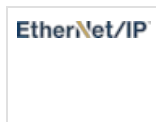
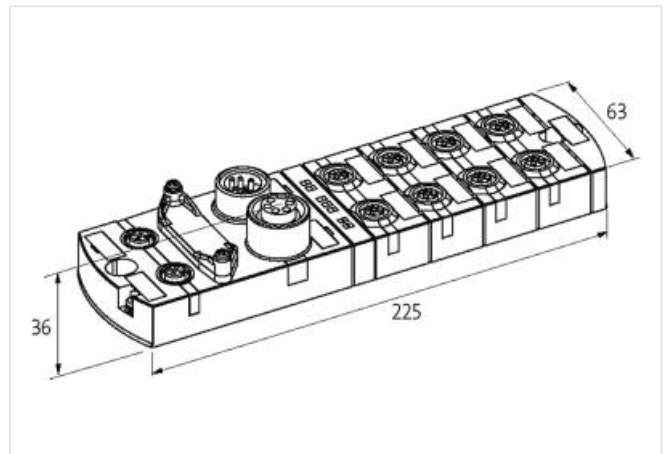
IO-Link Master V1.1.2

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, compatible with I/O modules of MVK model range
Temperature range	-25...+55 °C (storage temperature -40...+85 °C)
Protection	IP67
Dimensions H×W×D	39×63×225 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), short-circuit and overload protected
Type	for 3-wire sensors or mechanical switches, PNP, IO-Link Devices

IO-Link

Port Class	Class B (not galvanically separated)
IO-Link	4× Master
Transfer parameters	32 Byte (In) 32 Byte (Out) per IO-Link port

Operating modes COM1; COM2; COM3 (automatic)

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)

Connections

Fieldbus	Ethernet 10/100 Mbit/s; M12, D-coded
Sensor-system/actuator supply	7/8", 4-pole, 2× max. 9 A
I/O ports	M12, 5-pole, A-coded

EtherNet/IP

Multiple connections	yes
QC (Quick Connect)	max. 360 ms
CIP Sync	yes
Composite Test Revision	CT14
Addressing	DHCP, BOOTP or IP address by DIP switch
DLR (Device Level Ring)	yes

Product article number of manufacturer 55144

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
Cable break	per IO-Link Master