

IMPACT67 Pro EC DIO8 IOL8 M12L 5P

EtherCAT, compact module, plastic

Art.No.: 54632

Weight: 0.470 kg

Country of origin: DE

Model designation: IMPACT67 Pro EC DIO8 IOL8 M12L 5P

Digital inputs/outputs

IO-Link Master V1.1

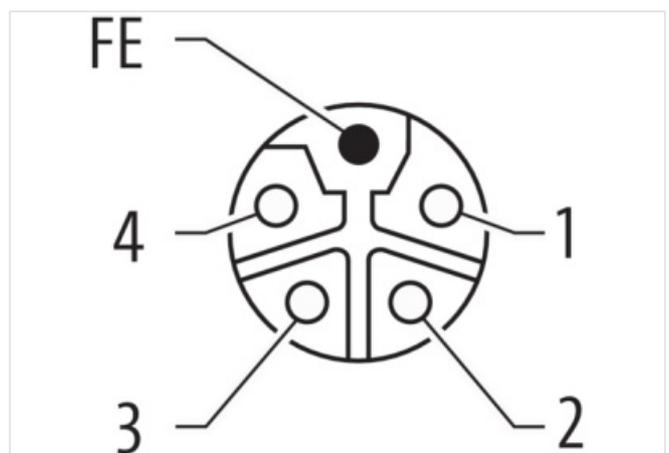
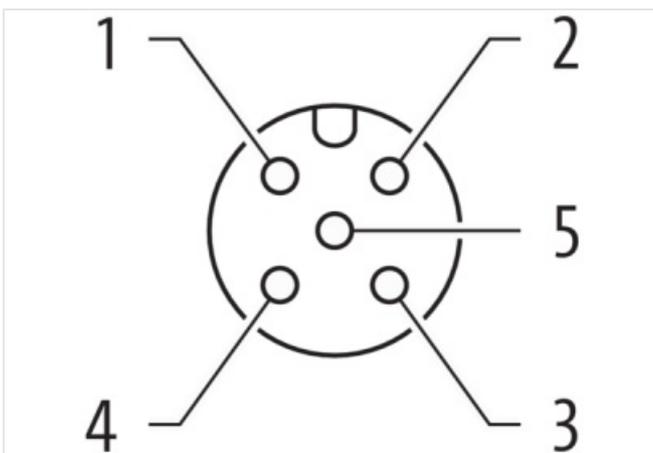
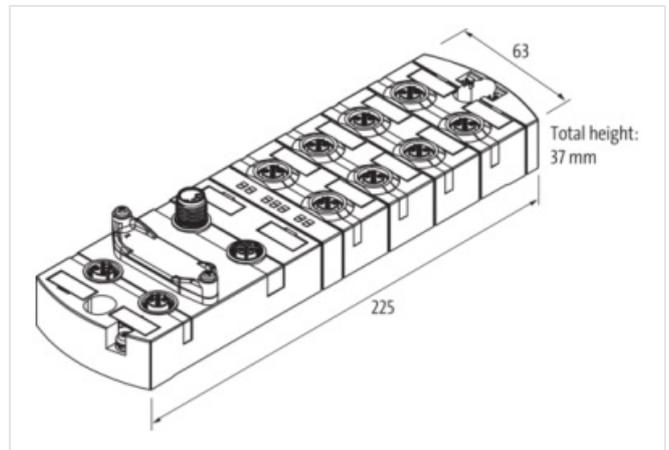
M12 Power, 5-pole, L-coded

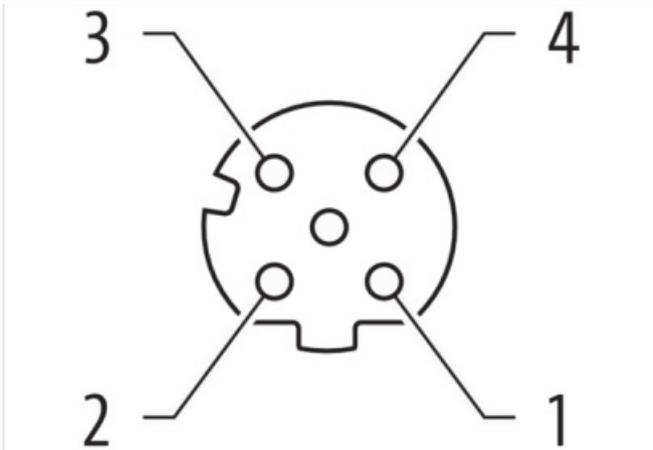
M12, 5-pole, A-coded

Housing fully potted.

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

mounting compatible with I/O modules of the MVK series

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



Product may differ from Image

**Header**

Material short text IMPACT67 Pro EC DIO8 IOL8 M12L 5P

Commercial dataURL Webshop <https://shop.murrelektronik.com/54632>

GTIN 4048879860017

ECLASS-6.0 27242604

ECLASS-6.1 27242604

ECLASS-7.0 27242604

ECLASS-7.1 27242604

ECLASS-8.0 27242604

ECLASS-8.1 27242604

ECLASS-9.0 27242604

ECLASS-9.1 27242604

ECLASS-10.0.1 27242604

ECLASS-10.1 27242604

ECLASS-11.0 27242604

ECLASS-11.1 27242604

ECLASS-12.0 27242604

ECLASS-13.0 27242604

ECLASS-14.0 27242604

ETIM-5.0 EC001599

ETIM-6.0 EC001599

ETIM-7.0 EC001599

ETIM-8.0 EC001599

customs tariff number 85389099

EAN 4048879860017

Packaging unit 1

Electrical data | Supply

Norm operating voltage IEC/EN 61131-2

Operating voltage US DC 24 V

Total current US max. 16 A

Operating voltage UA DC 24 V

Total current UA max. 16 A

Electrical data Input	
Sensor current US per input max.	2 A
Current carrying capacity max.	10 A
Short-circuit protected	Yes
Overload resistant	Yes
Type input	for 3-wire sensors or mechanical switches, IO-Link Devices, PNP
Electrical data Output	
Output current per pin max.	2 A
Max. current output per port	4 A
Actuator current UA per output max.	2 A
Total current outputs max.	10 A
Overload resistant	Yes
Short-circuit protected	Yes
Industrial Communication	
Web interface	Yes
Industrial communication Bus data	
Address setting type	automatic, Rotary switch
SYNC manager	4
Industrial communication Ethercat	
Protocols EtherCAT	CoE, FoE, EoE, AoE
EtherCAT function	ESM, EMCY
FMMU	8
Industrial communication IO-Link	
IO-Link type	8x Master
Port Class	A, B
IO-Link transmission rate	COM1, COM2, COM3
IO-Link process data length input	32 bytes
IO-Link process data length output	32 bytes
Automatic baudrate detection	Yes
Industrial communication IIoT functions	
JSON integration	REST-API, MQTT
OPC UA transport	UA TCP, UA Binary Encoding, UA Secure Conversation
Publishing interval OPC UA min.	100 ms
Number of sessions / clients OPC UA max.	5
Voltage monitoring	Yes
Current Monitoring	Yes
Diagnostics	
Actuator warning	per channel via LED and BUS
Temperature control	Yes
Cable break	per port
Diagnostic via BUS	per module and channel
Diagnostic via LED	per module and channel
LED display	Ethernet connection/data traffic
IO-Link events	Undervoltage supply, No voltage
Device protection Electrical	
Degree of protection (EN IEC 60529)	IP67
Mechanical data Mounting data	
Height	37 mm
Width	63 mm
Depth	225 mm

Suitable for mounting type

2-hole screw mounting

Environmental characteristics | Climatic

Ambient temperature (operation)	-40 °C ... 70 °C
Ambient temperature (storage, transport)	-40 °C ... 85 °C

Connection type 4

Connection type 1	X0-X7
Connection type 2	XD1
Connection type 3	XD2
Connection type 4	XF1, XF2
Family construction form	M12
No. of poles	5
Coding	A
Gender	female
Color contact carrier	gray
PIN 1	24 V DC
PIN 2	DI / DO
PIN 3	0 V
PIN 4	DI / DO / IO-Link
PIN 5	0 V
Family construction form	M12
No. of poles	5
Coding	L
Gender	male
Color contact carrier	black
PIN 1	24 V DC (US)
PIN 2	0 V
PIN 3	0 V
PIN 4	24 V DC (UA)
PIN 5	PE
Family construction form	M12
No. of poles	5
Coding	L
Gender	female
Color contact carrier	black
PIN 1	24 V DC (US)
PIN 2	0 V
PIN 3	0 V
PIN 4	24 V DC (UA)
PIN 5	PE
Family construction form	M12
No. of poles	4
Coding	D
Gender	female
Color contact carrier	black
Mounting method	inserted, screwed
Tightening torque	0,6 Nm
PIN 1	TD +
PIN 2	RD +
PIN 3	TD -
PIN 4	RD -
PIN 5	n.c.