

IMPACT67 Pro PN DIO8 IOL8 M12L 4P

PROFINET, compact module, plastic

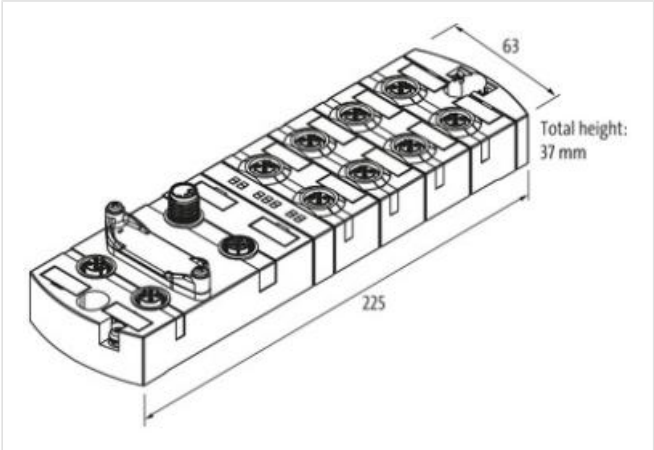
Digital inputs/outputs  
Ethernet 10/100 Mbit/s; M12, D-coded  
IO-Link Master V1.1  
M12 Power, 4-pole, L-coded  
M12, 5-pole, A-coded  
Housing fully potted.  
Connection cables are in the online shop under "Connection Technology".  
mounting compatible with I/O modules of the MVK series

Link to Product

Illustration



Product may differ from Image



Commercial data	
ECLASS-6.0	27242604
ECLASS-6.1	27242604
ECLASS-7.0	27242604
ECLASS-8.0	27242604
ECLASS-9.0	27242604
ECLASS-10.1	27242604
ECLASS-11.1	27242604
ECLASS-12.0	27242604
ETIM-5.0	EC001597
customs tariff number	85389099
GTIN	4065909022832
Packaging unit	1
Electrical data   Supply	
Norm operating voltage	EN 61131-2
Operating voltage US DC	24 V
Operating voltage UA DC	24 V
Total current UA max.	16 A

Total current US max. 16 A

#### Electrical data | Input

Overload resistant	yes
Short-circuit protected	yes
Type input	PNP, for 3-wire sensors or mechanical switches, IO-Link Devices
Sensor current US per input max.	2 A
Current carrying capacity max.	10 A

#### Electrical data | Output

Actuator current UA per output max.	2 A
Overload resistant	yes
Short-circuit protected	yes
Output current per pin max.	2 A
Max. current output per port	4 A
Total current output max.	10 A

#### Industrial communication

Supported protocol	PROFINET
Web interface	yes

#### Industrial communication | Profinet

Number of active connections (IO controller) max.	2
IRT (network communication)	yes
PROFINET Netload Class	III
PROFINET addressing	DCP
PROFINET conformance class	C
PROFINET specification	V2.3
Shared device/input	yes

#### Industrial communication | IO-Link

Automatic baudrate detection	yes
IO-Link process data length output	32 Bytes
IO-Link process data length input	32 Bytes
IO-Link type	8× Master
IO-Link transmission rate	COM1, COM2, COM3
Port Class	A, B

#### Industrial communication | IIoT functions

Number of sessions / clients OPC UA max.	5
JSON integration	REST-API, MQTT
OPC UA transport	UA TCP, UA Secure Conversation, UA Binary Encoding
Voltage monitoring	yes
Current Monitoring	yes
Publishing interval OPC UA min.	100 ms

#### Diagnostics

Actuator warning	per channel via LED and BUS
Diagnostic via BUS	per module and channel
Diagnostic via LED	per module and channel
IO-Link events	No voltage, Undervoltage supply
LED display	Ethernet connection/data traffic
Cable break	per port
Temperature control	yes

#### Device protection | Electrical

Degree of protection (EN IEC 60529)	IP67
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#### Mechanical data | Mounting data

Suitable for mounting type	2-hole screw mounting
Height	37 mm
Width	63 mm
Depth	225 mm

**Environmental characteristics | Climatic**

Operating temperature min.	-40 °C
Operating temperature max.	70 °C
Storage temperature min.	-40 °C
Storage temperature max.	80 °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
Gender	female
Color contact carrier	gray
Coding	A
No. of poles	5
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
Gender	male
Color contact carrier	black
Coding	L
No. of poles	5
PIN 1	24 V DC (US)
PIN 2	0 V
PIN 3	0 V
PIN 4	24 V DC (UA)
PIN 5	n.c.
Family construction form	M12
Gender	female
Color contact carrier	black
Coding	L
No. of poles	4
PIN 1	24 V DC (US)
PIN 2	0 V
PIN 3	0 V
PIN 4	24 V DC (UA)
Mounting method	inserted, screwed
Tightening torque	0,6 Nm
Family construction form	M12
Gender	female
Color contact carrier	black
Coding	D
No. of poles	4
PIN 1	TD +
PIN 2	RD +
PIN 3	TD -

PIN 4

RD -