

Impact67 PN DIO12 DIO4/IOL4 M12L 5P

ProfiNet, Compact module,

Digital inputs/outputs

DIO12 IOL4 (IRT)

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

M12 Power, 5-pole, L-coded

M12, 5-pole, A-coded

IO-Link Master V1.1.2

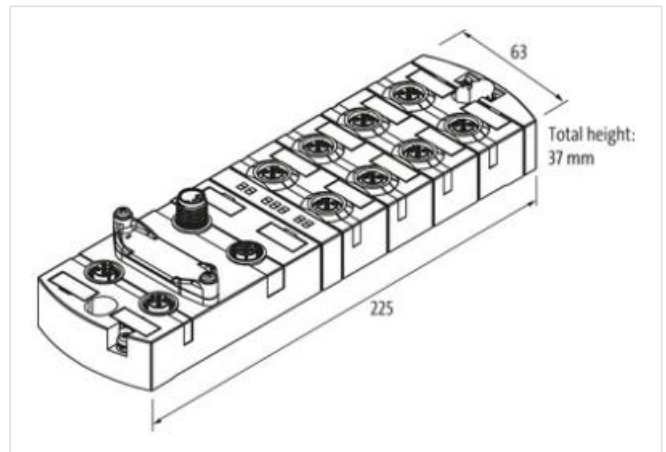
Connection cables are in the online shop under "Connection Technology".

Housing fully potted.

mounting compatible with I/O modules of the MVK series

[Länk till produkt](#)**Illustration**

Produkten kan skilja sig från bilden

**Kommersiella uppgifter**

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	EC001599
Förpackningsenhet	1
GTIN	4048879778671
Kundens tullnummer	85389099

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.	0,2 A
Sensor current US per IO-Link port max.	1 A
Electrical data Output	
Overload resistant	yes
Short-circuit protected	yes
Output current per pin max.	1,6 A
Lamp load	10 W
Total current output max.	9 A
Industrial communication	
Supported protocol	PROFINET
Industrial communication Profinet	
Number of active connections (IO controller) max.	2
FSU (Fast-Start-Up)	yes
Fast start up time max.	0,5 s
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	4x Master
IO-Link transmission rate	COM1, COM2, COM3
Port Class	B
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
Device protection Electrical	
Degree of protection (EN IEC 60529)	IP67
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.	-25 °C
Operating temperature max.	55 °C

Storage temperature min. -25 °C

Storage temperature max. 70 °C

Connection type 5

Connection type 1 X0-X3

Connection type 2 X4-X7

Connection type 3 XD1

Connection type 4 XD2

Connection type 5 XF1, XF2

Family construction form M12

Gender female

Color contact carrier black

Coding A

No. of poles 5

PIN 1 24 V DC

PIN 2 DI / DO

PIN 3 0 V

PIN 4 DI / DO

PIN 5 PE

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 PE

Family construction form M12

Gender female

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 PE

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 -