

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

[Link naar het product](#)

Afbeelding



Product van afwijken van afbeelding



Commerciële gegevens	
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
Douane tarief nummer	85389099
GTIN	4048879778671
Verpakkingseenheid	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.	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 outputs 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	
IO-Link type	4× Master
Port Class	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
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 -