

IMPACT67 PN DI8 DO8 M12L 4P galvanic separation

PROFINET, compact module

Digital inputs/outputs DI8 DO8 (IRT) Ethernet 10/100 Mbit/s; M12, D-coded M12 power, 4-pin, L-coded, 2× max. 12 A M12, 5-pole, A-coded FSU (Fast-Start-Up) Galvanic isolation

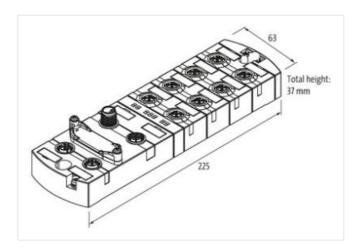
Connection cables are in the online shop under "Connection Technology".

Housing fully potted.

Link to Product

Illustration





Product may differ from Image









Commercial data	
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
customs tariff number	85389099
GTIN	4048879852241
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.	12 A
Total current US max.	12 A

The information in this Product-PDF has been compiled with the utmost care.

Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-04-25



stay connected

Electrical data Input	
Overload resistant	yes
Short-circuit protected	yes
Type input	PNP, for 3-wire sensors or mechanical switches
Sensor current US per input max.	0,2 A
Electrical data Output	
Overload resistant	yes
Short-circuit protected	yes
Output current per pin max.	2 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	
PROFINET addressing	DCP
PROFINET conformance class	C
PROFINET specification	V2.3
Shared device/input	yes
Diagnostics	
Actuator warning	per channel via LED and BUS
Diagnostic	No voltage, Under voltage
Diagnostic via BUS	per module and channel
Diagnostic via LED	per module and channel
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
	famala
Gender	
Gender Color contact carrier	female black

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No. of poles	5	
PIN 1	n.c.	
PIN 2	DO (UA)	
PIN 3	0 V (UA)	
PIN 4	DO (UA)	
PIN 5	PE	
Family construction form	M12	
Gender	female	
Color contact carrier	black	
Coding	A	
No. of poles	5	
PIN 1	24 V DC (US)	
PIN 2	DI	
PIN 3	0 V (US)	
PIN 4	DI	
PIN 5	PE	
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 (UA)	
PIN 3	0 V (US)	
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 (UA)	
PIN 3	0 V (US)	
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 -	