

## **MVK-MPNIO DIO8 (DI8)**

Use only as spare part! newer version! - contact Murrelektronik

Digital inputs/outputs DIO8 DI8 Ethernet 10/100 Mbit/s; M12, D-coded 7/8", 5-pole, 2× max. 9 A M12, 5-pole, A-coded

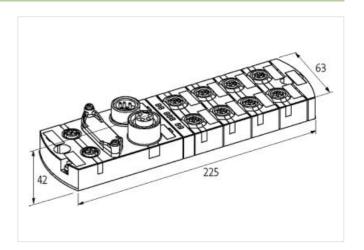
Connection cables are in the online shop under "Connection Technology".

Housing fully potted.

## **Link to Product**

## Illustration





Product may differ from Image









Commercial data		
ECLASS-6.0	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	
customs tariff number	85176200	
GTIN	4048879051637	
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.	9 A	
Total current US max.	9 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: 2024-05-04



stay connected

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
	V,2 A
Electrical data   Output	
Overload resistant	yes
Short-circuit protected	yes
Output current per pin max.	1,6 A
Lamp load	10 W
Industrial communication	
Supported protocol	PROFINET
Industrial communication   Profinet	
PROFINET addressing	DCP
PROFINET conformance class	В
PROFINET specification	V2.2
Diagnostics	
	and the second size LED and DUO
Actuator warning	per channel via LED and BUS
Diagnostic Via BUS	No voltage, Under voltage per module and channel
Diagnostic via BUS	'
Diagnostic via LED	per module and channel
Short circuit diagnosis	yes
LED display  Cable break	Ethernet connection/data traffic
	per port
Overload diagnosis	yes
Device protection   Electrical	
Degree of protection (EN IEC 60529)	IP67
Mechanical data   Mounting data	
Suitable for mounting type	2-hole screw mounting
Height	42 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	0-3
Connection type 1	4-7
Connection type 2	Bus Out
Connection type 3	Power In
Connection type 5	Power Out
Family construction form	M12
Gender	female
Color contact carrier	black
Coding	A
<u> </u>	5
No. of poles PIN 1	5 24 V DC (US)
PIN 1 PIN 2	
IIIV	DI / Diag



stay connected

PIN 4	DI
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 / Diag
PIN 3	0 V (US)
PIN 4	DI / DO
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 -
Family construction form	7/8"
Gender	male
Color contact carrier	black
No. of poles	5
PIN 1	0 V (UA)
PIN 2	0 V (US)
PIN 3	PE
PIN 4	24 V DC (US)
PIN 5	24 V DC (UA)
Family construction form	7/8"
Gender	female
Color contact carrier	black
No. of poles	5
PIN 1	0 V (UA)
PIN 2	0 V (US)
PIN 3	PE
PIN 4	24 V DC (US)
PIN 5	24 V DC (UA)