

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

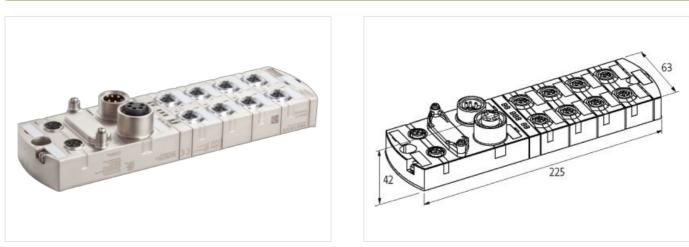
Use only as spare part! newer version! - contact Murrelektronik

Art.No.: 55288 Weight: 0.76 Country of origin: DE Model designation: MVK-MPNIO DIO8 (DI8)

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	
customs tariff number	85176200	
customs tariff number	85389099	
GTIN	4048879051637	
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Packaging unit	1
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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
Electrical data   Input	
Type input	PNP, for 3-wire sensors or mechanical switches
Overload resistant	yes
Short-circuit protected	yes
Sensor current US per input max.	0,2 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	B
PROFINET combinance class	V2.2
	VZ.Z
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
Short circuit diagnosis	yes
LED display	Ethernet connection/data traffic
Cable break	per port
Overload diagnosis	yes
Device protection   Electrical	
Degree of protection (EN IEC 60529)	IP67
Mechanical data   Mounting data	
Mechanical data   Mounting data Suitable for mounting type	2-hole screw mounting
	2-hole screw mounting 42 mm
Suitable for mounting type	
Suitable for mounting type Height	42 mm
Suitable for mounting type Height Width	42 mm 63 mm
Suitable for mounting type Height Width Depth Environmental characteristics   Climatic Operating temperature min.	42 mm 63 mm 225 mm -25 °C
Suitable for mounting type Height Width Depth Environmental characteristics   Climatic Operating temperature min. Operating temperature max.	42 mm 63 mm 225 mm
Suitable for mounting type Height Width Depth Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Storage temperature min.	42 mm 63 mm 225 mm -25 °C -25 °C -25 °C -25 °C
Suitable for mounting type Height Width Depth Environmental characteristics   Climatic Operating temperature min. Operating temperature max.	42 mm 63 mm 225 mm -25 °C 55 °C
Suitable for mounting type Height Width Depth Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Storage temperature min.	42 mm 63 mm 225 mm -25 °C -25 °C -25 °C -25 °C
Suitable for mounting type Height Width Depth Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Storage temperature max. Storage temperature max. Connection type 5 Connection type 1	42 mm 63 mm 225 mm -25 °C -55 °C -25 °C 70 °C 0-3
Suitable for mounting type Height Width Depth Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Storage temperature max. Storage temperature max. Connection type 5 Connection type 1 Connection type 2	42 mm 63 mm 225 mm -25 °C 55 °C -25 °C -25 °C 70 °C
Suitable for mounting type Height Width Depth Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Storage temperature max. Storage temperature max. Connection type 5 Connection type 1	42 mm 63 mm 225 mm -25 °C -55 °C -25 °C 70 °C 0-3

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Connection type 4	Power In
Connection type 5	Power Out
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
PIN 5	PE
Family construction form	M12
Gender	female
Color contact carrier	black
Coding	Α
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
	5
No. of poles PIN 1	5 0 V (UA)
PIN 1 PIN 2	
	0 V (US)
PIN 3 PIN 4	
	24 V DC (US)
PIN 5	24 V DC (UA)

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