MVP8-P3 DIO4 DIO4 8xM8-3 IOLB12 B0

IO-Link Class B I/O module

Art.No.: 59504
Weight: 0.129 kg
Country of origin: DE
Model designation: MVP8-P3 DIO4 DIO4 8xM8-3 IOLB12 B0

IO-Link hub in 30 mm plastic housing
1 × M12 IO-Link Class B
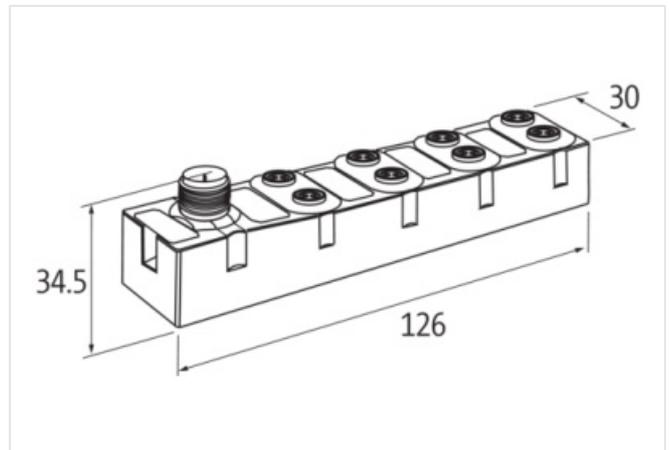8 × M8 I/O
8 configurable digital inputs/outputs
Galvanically isolated voltage groups
Preconfigured parameter range
Connection cables are in the online shop under "Connection Technology".

Link to Product

Illustration

Product may differ from Image

Header	
Material short text	MVP8-P3 DIO4 DIO4 8xM8-3 IOLB12 B0
Commercial data	
URL Webshop	https://shop.murrelektronik.com/59504
GTIN	4048879865029
ECLASS-6.0	27242604
ECLASS-6.1	27242604
ECLASS-7.0	27242604
ECLASS-7.1	27242604
ECLASS-8.0	27242604
ECLASS-8.1	27242604
ECLASS-9.0	27242604
ECLASS-9.1	27242604
ECLASS-10.0.1	27242604
ECLASS-10.1	27242604

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ECLASS-11.0	27242604
ECLASS-11.1	27242604
ECLASS-12.0	27242604
ECLASS-13.0	27242604
ECLASS-14.0	27242604
customs tariff number	85389099
EAN	4048879865029
Packaging unit	1

**Electrical data	Supply**	
Operating voltage DC	24 V
Operating voltage US DC	24 V
Operating voltage US DC min.	18 V
Operating voltage US DC max.	30 V
Total current US max.	4 A
Operating voltage UA DC	24 V
Operating voltage UA DC min.	18 V
Operating voltage UA DC max.	30 V
Total current UA max.	4 A
Current consumption max.	50 mA

**Electrical data	Input**	
Current operating per 2 ports max.	1 A (X0+X1, X2+X3, X4+X5, X6+X7)
Input filter time	1 ms
Type input	Type 3, Type 1

**Electrical data	Output**	
Output current per pin max.	2 A

**Industrial communication	IO-Link**	
IO-Link type	Device
Port Class	B
IO-Link revision ID	V1.1.2
IO-Link transmission rate	COM3 (230.4 kbit/s)
IO-Link process data length input	2 bytes
IO-Link process data length output	2 bytes
IO-Link cycle time min.	1 ms
IO-Link revision compatibility	V1.1.3

Diagnostics	
Actuator warning	Yes
Short circuit diagnosis	Yes
Overload diagnosis	Yes
Diagnostic via LED	per module and channel
Status indication LED	green
LED display	Ethernet connection/data traffic
IO-Link events	Undervoltage supply, No voltage

**Device protection	Electrical**	
Installation height max. ASL	3.000 m
Degree of protection (EN IEC 60529)	IP68
Overload resistant	Yes
Short-circuit protected	Yes
Galvanic separation US/UA	Yes

**Mechanical data	Mounting data**	
Height	126 mm
Width	30 mm

Depth	34,5 mm
Suitable for mounting type	2-hole screw mounting
Environmental characteristics | Climatic	
Operating temperature min.	-25 °C
Operating temperature max.	70 °C
Ambient temperature (storage, transport)	-40 °C
Conformity	
Product standard	IEC/EN 61131-2
Connection type 3	
Connection type 1	X0-X3
Connection type 2	X4-X7
Connection type 3	XZ1
Family construction form	M8
No. of poles	3
Coding	A
Gender	female
Color contact carrier	black
PIN 1	24 V DC UA
PIN 3	0 V UA
PIN 4	DIO UA
Family construction form	M8
No. of poles	3
Coding	A
Gender	female
Color contact carrier	black
PIN 1	24 V DC US
PIN 3	0 V US
PIN 4	DIO US
Family construction form	M12
No. of poles	5
Coding	A
Gender	male
PIN 1	24 V DC US (L +)
PIN 2	24 V DC UA (P 24)
PIN 3	0 V US (L -)
PIN 4	C / Q / IO-Link
PIN 5	0 V UA (N 24)

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