

MVP12-Metal 8xM12 DI8 DO8 IOL K3,

galvanic separation, IO-Link Version 1.1

Art.No.: 55518

Weight: 0.477 kg

Country of origin: DE

Model designation: MVP12-M DI8 DO8 IOL K3

IO-Link Hub

Compact module

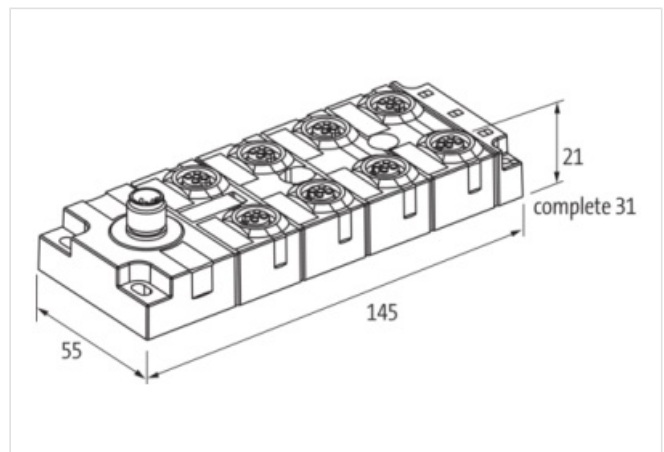
IO-Link V1.1

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

Housing fully potted.

[Link to Product](#)**Illustration**

Product may differ from Image

**Header**

Material short text MVP12-M DI8 DO8 IOL K3

Commercial data

URL Webshop	https://shop.murrelektronik.com/55518
GTIN	4048879619189
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
ECLASS-11.0	27242604
ECLASS-11.1	27242604

ECLASS-12.0	27242604
ECLASS-13.0	27242604
ECLASS-14.0	27242604
ETIM-5.0	EC001599
ETIM-6.0	EC001599
ETIM-7.0	EC001599
ETIM-8.0	EC001599
customs tariff number	85176200
EAN	4048879619189
Packaging unit	1

Electrical data | Input

Input filter time	1 ms
Type input	PNP (EN 61131-2) Type 3

Electrical data | Output

Output current per pin max.	0,4 A
Overload resistant	Yes
Short-circuit protected	Yes

Industrial communication | IO-Link

IO-Link type	Device
Port Class	B
IO-Link revision ID	V1.1
IO-Link transmission rate	COM2 (38.4 kbit/s)
IO-Link cycle time min.	2,3 ms

Diagnostics

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

Device protection | Electrical

Degree of protection (EN IEC 60529)	IP67
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Mechanical data | Mounting data

Height	145 mm
Width	55 mm
Depth	32 mm
Suitable for mounting type	4 hole screw mounting

Environmental characteristics | Climatic

Operating temperature min.	-25 °C
Operating temperature max.	70 °C
Ambient temperature (storage, transport)	-40 °C ... 70 °C

Connection type 3

Connection type 1	X0-X3
Connection type 2	X4-X7
Connection type 3	XZ1
Family construction form	M12
No. of poles	5
Coding	A
Gender	female
Color contact carrier	black
PIN 1	24 V DC US

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