

MVP12-P6 DI16 8xM12A IOLA12 B0

IO-Link Class A I/O module

Art.No.: 59710

Weight: 0.2

Country of origin: DE

Model designation: MVP12-P6 DI16 8xM12A IOLA12 B0

IO-Link hub in 50 mm plastic housing

1 × M12 IO-Link Class A

8 × M12 I/O

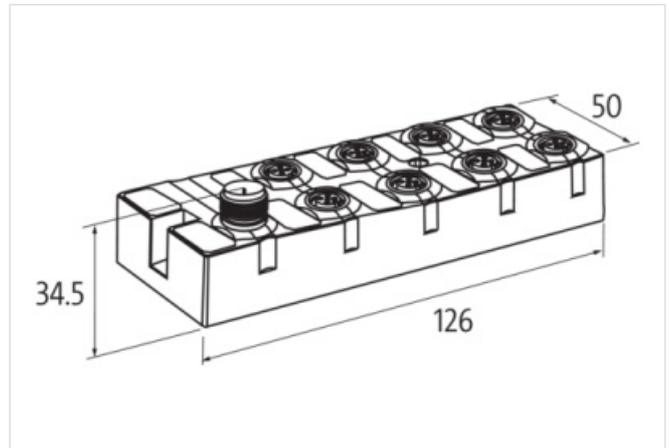
16 digital inputs

Preconfigured parameter range

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

Link to Product**Illustration**

Product may differ from Image

**Commercial data**

URL Webshop	https://shop.murrelektronik.com/59710
GTIN	4048879872089
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
EAN	4048879872089

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
Current consumption max.	40 mA

Electrical data | Input

Sensor current per input max.	0.5 A
Input filter time	1 ms
Type input	Type 3, Type 1

Industrial communication | IO-Link

IO-Link type	Device
Port Class	A
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 cycle time min.	1 ms
IO-Link revision compatibility	V1.1.3

Diagnostics

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

Mechanical data | Mounting data

Height	126 mm
Width	50 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
Storage temperature min.	-40 °C
Storage temperature max.	85 °C

Conformity

Product standard	EN 61131-2
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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 (US)
PIN 5	n.c.
Family construction form	M12
No. of poles	5
Coding	A
Gender	female
PIN 1	24 V DC US
PIN 2	DI US
PIN 3	0 V US
PIN 4	DI US
PIN 5	FE
Family construction form	M12
No. of poles	5
Coding	A
Gender	male
PIN 1	24 V DC (US) (L +)
PIN 2	n.c.
PIN 3	0 V (US) (L -)
PIN 4	C / Q / IO-Link
PIN 5	n.c.