

MVP12-P6 DI16 8xM12A IOLA12 B0

IO-Link Class A I/O module

Art.No.: 59710

Weight: 0.200 kg

Country of origin: DE

Model designation: MVP12-P6 DI16 8xM12A IOLA12 B0

IO-Link hub in 50 mm plastic housing

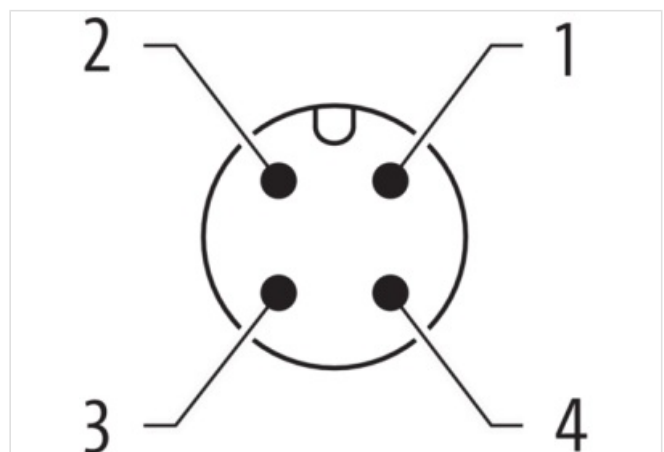
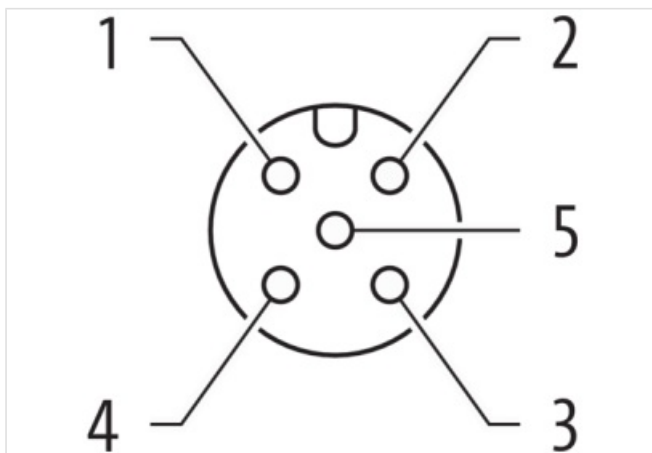
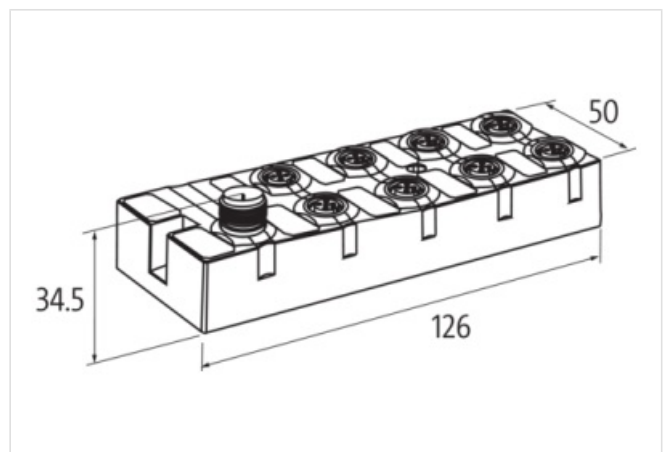
1 × M12 IO-Link Class A

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

**Header**

Material short text

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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
customs tariff number	85389099
EAN	4048879872089
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
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
Ambient temperature (storage, transport)	-40 °C ... 85 °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	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.