

**MVP12-P6 DIO16 8xM12A IOLA12 B0**

IO-Link Class A I/O module

Art.No.: 59719

Weight: 0.2

Country of origin: DE

Model designation: MVP12-P6 DIO16 8xM12A IOLA12 B0

IO-Link hub in 50 mm plastic housing

1 × M12 IO-Link Class A

8 × M12 I/O

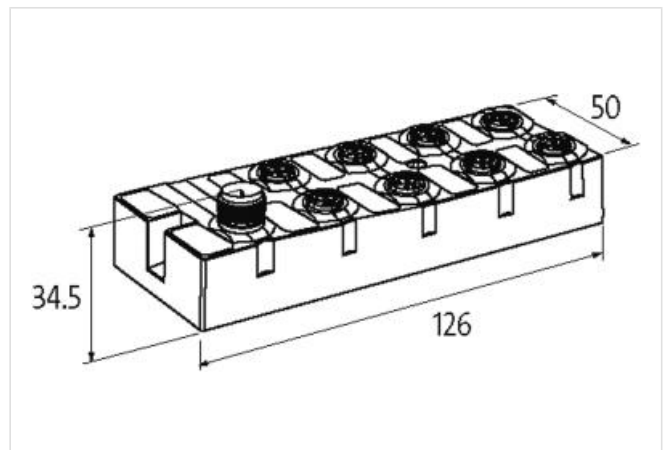
16 configurable digital inputs/outputs

Preconfigured parameter range

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

[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
customs tariff number	85389099
EAN	4048879865036
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
Current consumption max.	40 mA
Total current US max.	4 A
<b>Electrical data   Input</b>	
Type input	Type 1, Type 3
Sensor current per input max.	0,5 A
Input filter time	1 ms
<b>Electrical data   Output</b>	
Output current per pin max.	0,5 A
<b>Industrial communication   IO-Link</b>	
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 process data length output	2 Bytes
IO-Link cycle time min.	1 ms
IO-Link revision compatibility	V1.1.3
<b>Diagnostics</b>	
Actuator warning	yes
Diagnostic via LED	per module and channel
IO-Link events	No voltage, Undervoltage supply
Short circuit diagnosis	yes
LED display	Ethernet connection/data traffic
Status indication LED	green
Overload diagnosis	yes
<b>Device protection   Electrical</b>	
Installation height max. ASL	3000 m
Degree of protection (EN IEC 60529)	IP68
Overload resistant	yes
Short-circuit protected	yes
<b>Mechanical data   Mounting data</b>	
Suitable for mounting type	2-hole screw mounting
Height	126 mm
Width	50 mm
Depth	34,5 mm
<b>Environmental characteristics   Climatic</b>	
Operating temperature min.	-25 °C
Operating temperature max.	70 °C
Storage temperature min.	-40 °C
Storage temperature max.	85 °C
<b>Conformity</b>	
Product standard	EN 61131-2
<b>Connection type 2</b>	
Connection type 1	X0-X7
Connection type 2	XZ1
Family construction form	M12
Gender	female
Color contact carrier	black
Coding	A
No. of poles	5

PIN 1	24 V DC (US)
PIN 2	DIO (US)
PIN 3	0 V (US)
PIN 4	DIO (US)
PIN 5	PE
Family construction form	M12
Gender	male
Coding	A
No. of poles	5
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.