

**MVP12-P6 DIO16 8xM12A IOLA12 E0**

IO-Link Class A Hub

IO-Link hub in 50 mm plastic housing

1 × M12 IO-Link Class A

8 × M12 I/O

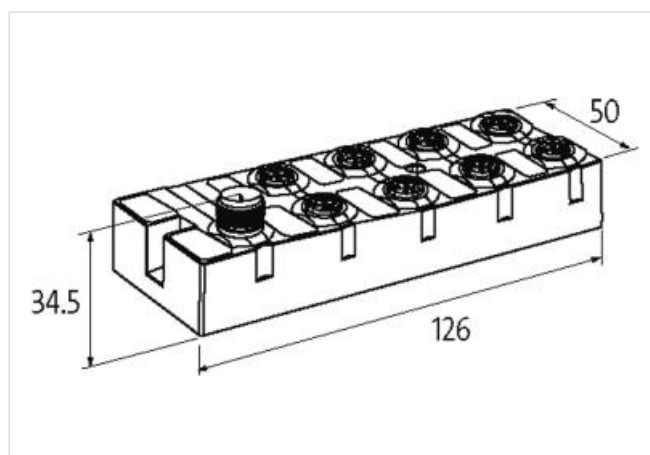
16 configurable digital inputs/outputs

Extended parameter range

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

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

Product may differ from Image

**Technical Data**

Installation height max.	max. 3000 m above sea level
Operating voltage (US)	24 V DC (18...30 V DC)
	max. 4 A
Current consumption	max. 40 mA
LED display	US-IOL: sensor power supply IOL (green: OK)

**General data**

Mounting method	2-hole screw mounting
Temperature range	-25...+70 °C (storage temperature -40...+85 °C)
Protection	IP68
Dimensions H×W×D	126×50×34.5 mm

**Output**

Switching current per output	max. 0.5 A
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**Input**

Type	Type 1 + type 3
Input filter	0...15 ms
	24 V DC (EN 61131-2), max. 0.5 A, short-circuit and overload-protected

**IO-Link**

Specification	IO-Link V1.1.2, compatible with: IO-Link V1.1.3
Port Class	A
IO-Link	Device
Operating modes	COM3 (230.4 kBaud)
Cycle time	min. 1 ms

4 bytes (inputs), 2 bytes (outputs)

Parameterization	
PIN 4	Input/output/DIO (port X0...X7)
PIN 2	Input/output/DIO (port X0...X7)
Connections	
IO-Link	M12, 3-pin, A-coded
I/O ports	M12, 5-pole, A-coded
Product article number of manufacturer	59819
Diagnostic	
Communication status	via LED
Diagnostic via LED	per module and channel
Actuator warning	yes
Monitoring - under voltage	yes
Monitoring - no voltage	yes
Short-circuit and overload	yes