

MVP12-P6 DIO8 DIO8 8xM12A IOLB12 E0

IO-Link Class B Hub

IO-Link hub in 50 mm plastic housing

1 × M12 IO-Link Class B

8 × M12 I/O

16 configurable digital inputs/outputs

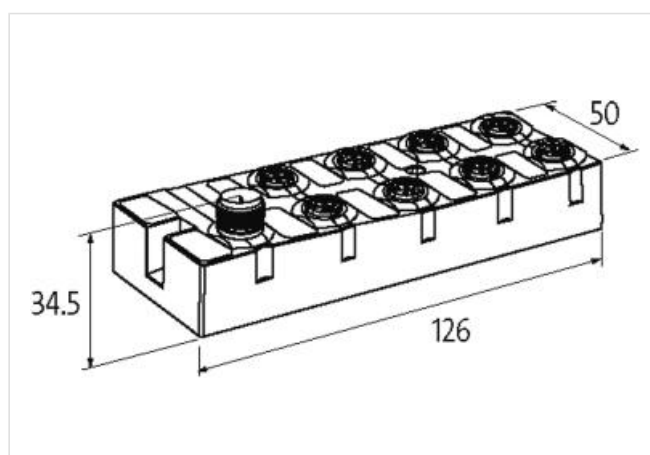
Galvanically isolated voltage groups

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 (UA) | 24 V DC (18...30 V DC) |
| Operating voltage (US) | 24 V DC (18...30 V DC) |
| | max. 4 A |
| | max. 4 A |
| | yes |
| Current consumption | max. 50 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 HxWxD | 126x50x34.5 mm |

Output

| | |
|------------------------------|----------|
| Switching current per output | max. 2 A |
|------------------------------|----------|

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 | B |
| 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, 5-pole, A-coded |
| I/O ports | M12, 5-pole, A-coded |
| | |
| Product article number of manufacturer | 59818 |
| 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 |