MURR ELEKTRONIK
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## MVP12-P6 DIO16 8xM12A IOLA12 E0

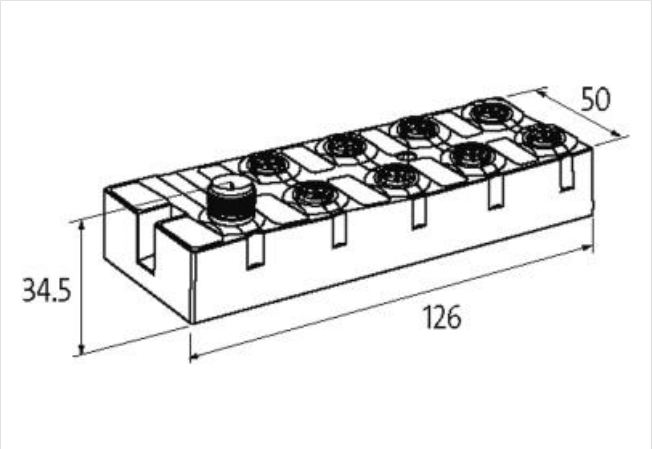
IO-Link Class A Hub

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

| 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 |
| GTIN | 4048879913119 |
| 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 |

**Electrical data | Input**

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| | |
|---|---|
| Sensor current per input max. | 0,5 A |
| Type input | Type 1, Type 3 |
| Input time filter min. | 0 ms |
| Input time filter max. | 15 ms |
| **Electrical data \| Output** | |
| Output current per pin max. | 0,5 A |
| **Industrial communication \| IO-Link** | |
| IO-Link process data length output | 2 Bytes |
| IO-Link process data length input | 4 Bytes |
| IO-Link revision ID | V1.1.2 |
| IO-Link revision compatibility | V1.1.3 |
| IO-Link type | Device |
| IO-Link cycle time min. | 1 ms |
| IO-Link transmission rate | COM3 (230.4 kbit/s) |
| Port Class | A |
| **Diagnostics** | |
| 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 |
| **Device protection \| Electrical** | |
| Installation height max. ASL | 3000 m |
| Degree of protection (EN IEC 60529) | IP68 |
| Short-circuit protected | yes |
| Overload resistant | yes |
| **Mechanical data \| Mounting data** | |
| Suitable for mounting type | 2-hole screw mounting |
| Height | 126 mm |
| Width | 50 mm |
| Depth | 34,5 mm |
| **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 |
| **Connection type 3** | |
| Connection type 1 | X0-X7 |
| Connection type 2 | XZ1 |
| Connection type 3 | 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) |

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| | |
|---|---|
| PIN 3 | 0 V (US) |
| PIN 4 | DIO (US) |
| PIN 5 | PE |
| Family construction form | M12 |
| Gender | male |
| Color contact carrier | black |
| 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. |
| 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. |

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