

MVP8-P3 DIO8 8xM8-3 IOLA12 E0

IO-Link Class A Hub

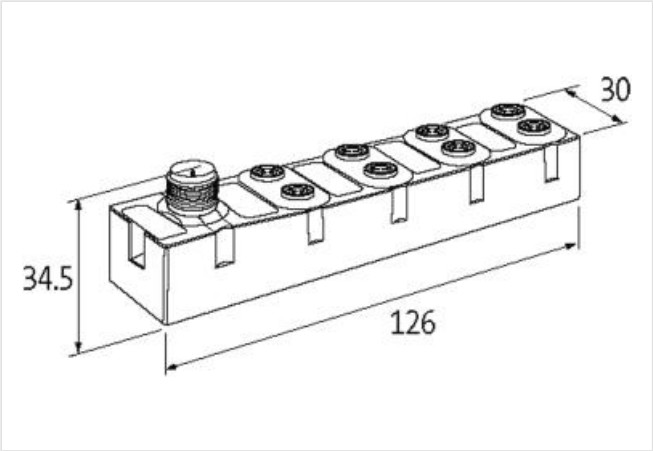
IO-Link hub in 30 mm plastic housing  
1 × M12 IO-Link Class A  
8 × M8 I/O  
8 configurable digital inputs/outputs  
Extended parameter range  
Connection cables are in the online shop under "Connection Technology".

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                         | 4048879912990 |
| 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      |               |

|                                                 |                                  |
|-------------------------------------------------|----------------------------------|
| Type input                                      | Type 1, Type 3                   |
| Current operating per 2 ports max.              | 1 A (X0+X1, X2+X3, X4+X5, X6+X7) |
| Input time filter min.                          | 0 ms                             |
| Input time filter max.                          | 15 ms                            |
| <b>Electrical data   Output</b>                 |                                  |
| Output current per pin max.                     | 0,5 A                            |
| <b>Industrial communication   IO-Link</b>       |                                  |
| 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                                |
| <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                                           | 30 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                        | M8                               |
| Gender                                          | female                           |
| Color contact carrier                           | black                            |
| Coding                                          | A                                |
| No. of poles                                    | 3                                |
| PIN 1                                           | 24 V DC US                       |
| PIN 3                                           | 0 V US                           |
| PIN 4                                           | DIO US                           |

|                          |                  |
|--------------------------|------------------|
| 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.             |