

MVP8-P3 DIO8 8xM8-3 IOLA12 E0

IO-Link Class A Hub

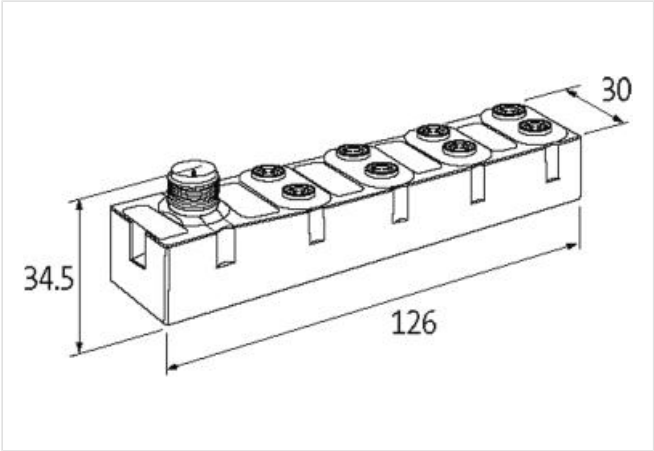
IO-Link hub in 30 mm plastic housing  
1 × M12 IO-Link Class A  
8 × M8 I/O  
8 configurable digital inputs/outputs  
Extended parameter range  
Connection cables are in the online shop under "Connection Technology".

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           |                                  |
| Current operating per 2 ports max. | 1 A (X0+X1, X2+X3, X4+X5, X6+X7) |
| 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 |
| 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   |
| Overload resistant                  | yes    |
| Short-circuit protected             | yes    |

**Mechanical data | Mounting data**

|                            |                       |
|----------------------------|-----------------------|
| Suitable for mounting type | 2-hole screw mounting |
| Height                     | 126 mm                |
| Width                      | 30 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 2**

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