

**MVP8-P3 DIO4 DIO4 8xM8-3 IOLB12 E0**

IO-Link Class B Hub

IO-Link hub in 30 mm plastic housing

1 × M12 IO-Link Class B

8 × M8 I/O

8 configurable digital inputs/outputs

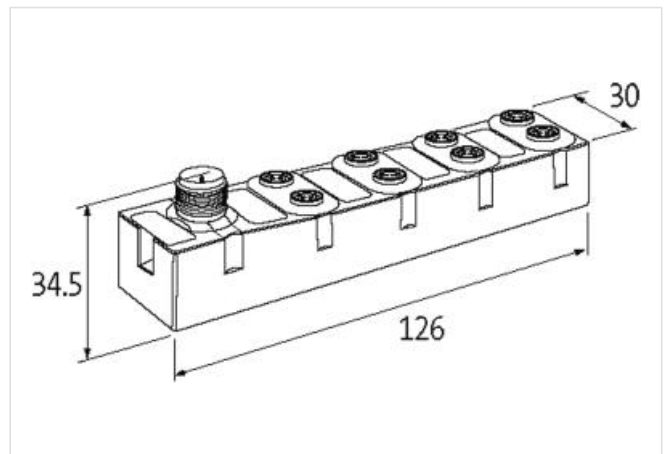
Galvanically isolated voltage groups

Extended parameter range

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

[Linkki tuotteeseen](#)**Kuvat**

Tuote voi erota kuvassa olevasta

**Kaupalliset tiedot**

|             |               |
|-------------|---------------|
| 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      |
| GTIN        | 4048879913102 |
| Pakkauskoko | 1             |
| Tullinumero | 85389099      |

**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                             |

|                              |       |
|------------------------------|-------|
| Operating voltage UA DC      | 24 V  |
| Operating voltage UA DC min. | 18 V  |
| Operating voltage UA DC max. | 30 V  |
| Current consumption max.     | 50 mA |
| Total current UA max.        | 4 A   |
| 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. | 2 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                         | B                   |

#### 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    |
| Galvanic separation US/UA           | yes    |
| Overload resistant                  | 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 3

|                   |       |
|-------------------|-------|
| Connection type 1 | X0-X3 |
| Connection type 2 | X4-X7 |

|                          |                   |
|--------------------------|-------------------|
| Connection type 3        | XZ1               |
| Family construction form | M8                |
| Gender                   | female            |
| Color contact carrier    | black             |
| Coding                   | A                 |
| No. of poles             | 3                 |
| PIN 1                    | 24 V DC UA        |
| PIN 3                    | 0 V UA            |
| PIN 4                    | DIO UA            |
| 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              |
| Coding                   | A                 |
| No. of poles             | 5                 |
| PIN 1                    | 24 V DC US (L +)  |
| PIN 2                    | 24 V DC UA (P 24) |
| PIN 3                    | 0 V US (L -)      |
| PIN 4                    | C / Q / IO-Link   |
| PIN 5                    | 0 V UA (N 24)     |