

MVP12 plastic DI8 DO8 IOL

IO-Link Version 1.1

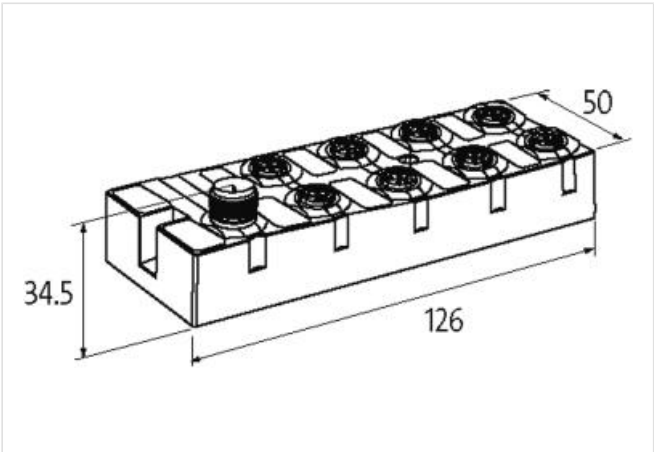
Compact module  
IO-Link V1.1  
Connection cables are in the online shop under "Connection Technology".  
Housing fully potted.

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      |
| ETIM-5.0              | EC001599      |
| customs tariff number | 85369010      |
| GTIN                  | 4048879695695 |
| Packaging unit        | 1             |

Electrical data | Input

|                   |                         |
|-------------------|-------------------------|
| Type input        | PNP (EN 61131-2) Type 3 |
| Input filter time | 1 ms                    |

Electrical data | Output

|                             |       |
|-----------------------------|-------|
| Overload resistant          | yes   |
| Short-circuit protected     | yes   |
| Output current per pin max. | 0,4 A |

Industrial communication | IO-Link

|                           |                    |
|---------------------------|--------------------|
| IO-Link revision ID       | V1.1               |
| IO-Link type              | Device             |
| IO-Link cycle time min.   | 2,3 ms             |
| IO-Link transmission rate | COM2 (38.4 kbit/s) |
| Port Class                | B                  |

#### Diagnostics

|                         |                                  |
|-------------------------|----------------------------------|
| Diagnostic via LED      | per module and channel           |
| IO-Link events          | No voltage, Undervoltage supply  |
| Short circuit diagnosis | yes                              |
| LED display             | Ethernet connection/data traffic |
| Overload diagnosis      | yes                              |

#### Device protection | Electrical

|                                     |      |
|-------------------------------------|------|
| Degree of protection (EN IEC 60529) | IP67 |
|-------------------------------------|------|

#### 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.   | 70 °C  |

#### Connection type 6

|                          |              |
|--------------------------|--------------|
| Connection type 1        | X0-X3        |
| Connection type 2        | X0-X3        |
| Connection type 3        | X4-X7        |
| Connection type 4        | X4-X7        |
| Connection type 5        | XZ1          |
| Connection type 6        | 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                    | DI           |
| PIN 3                    | 0 V          |
| PIN 4                    | DI           |
| PIN 5                    | n.c.         |
| Family construction form | M12          |
| Gender                   | female       |
| Coding                   | A            |
| No. of poles             | 5            |
| PIN 1                    | 24 V DC US   |
| PIN 2                    | DI           |
| PIN 3                    | 0 V US       |
| PIN 4                    | DI           |
| PIN 5                    | n.c.         |
| Family construction form | M12          |
| Gender                   | female       |
| Color contact carrier    | black        |

|                          |              |
|--------------------------|--------------|
| Coding                   | A            |
| No. of poles             | 5            |
| PIN 1                    | n.c.         |
| PIN 2                    | DO           |
| PIN 3                    | 0 V          |
| PIN 4                    | DO           |
| PIN 5                    | PE           |
| Family construction form | M12          |
| Gender                   | female       |
| Coding                   | A            |
| No. of poles             | 5            |
| PIN 1                    | n.c.         |
| PIN 2                    | DO           |
| PIN 3                    | 0 V          |
| PIN 4                    | DO           |
| PIN 5                    | PE           |
| Family construction form | M12          |
| Gender                   | male         |
| Coding                   | A            |
| No. of poles             | 5            |
| PIN 1                    | 24 V DC US   |
| PIN 2                    | 24 V DC UA   |
| PIN 3                    | 0 V          |
| PIN 4                    | IO-Link      |
| PIN 5                    | 0 V          |
| Family construction form | M12          |
| Gender                   | male         |
| Coding                   | A            |
| No. of poles             | 5            |
| PIN 1                    | 24 V DC (US) |
| PIN 2                    | 24 V DC (UA) |
| PIN 3                    | 0 V          |
| PIN 4                    | IO-Link      |
| PIN 5                    | 0 V          |