

**MVP12-P3 AI-RTD4 4xM12A IOLA12 E0**

IO-Link Class A Hub

IO-Link hub in 30 mm plastic housing

4 analog inputs (RTD)

1 × M12 IO-Link Class A

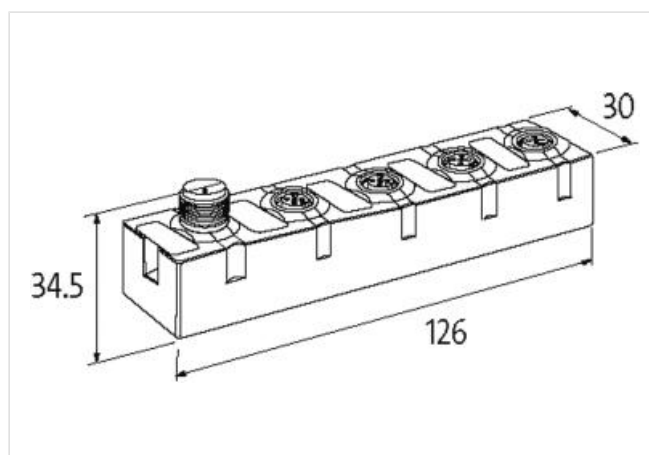
4 × M12 I/O

Extended parameter range

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

**Link a termékhez****Ábrák**

Szimbolikus ábra

**Electrical data | Supply**

|                              |       |
|------------------------------|-------|
| Operating voltage US DC      | 24 V  |
| Operating voltage US DC min. | 18 V  |
| Operating voltage US DC max. | 30 V  |
| Current consumption max.     | 50 mA |

**Electrical data | Input**

|                                                    |                                         |
|----------------------------------------------------|-----------------------------------------|
| Conversion time with interference frequency filter | OFF: 12 ms, 50 Hz: 50 ms, 60 Hz: 120 ms |
|----------------------------------------------------|-----------------------------------------|

**Industrial communication | IO-Link**

|                                    |                     |
|------------------------------------|---------------------|
| IO-Link type                       | Device              |
| Port Class                         | A                   |
| IO-Link revision ID                | V1.1.2              |
| IO-Link transmission rate          | COM3 (230.4 kbit/s) |
| IO-Link process data length input  | 10 Bytes            |
| IO-Link process data length output | 5 Bytes             |
| IO-Link cycle time min.            | 1,6 ms              |
| IO-Link revision compatibility     | V1.1.3              |

**Diagnostics**

|                    |                        |
|--------------------|------------------------|
| Diagnostic via LED | per module and channel |
|--------------------|------------------------|

|                                                 |                                  |
|-------------------------------------------------|----------------------------------|
| IO-Link events                                  | No voltage, Undervoltage supply  |
| LED display                                     | Ethernet connection/data traffic |
| Status indication LED                           | green                            |
| <b>Device protection   Electrical</b>           |                                  |
| Installation height max. ASL                    | 3000 m                           |
| Degree of protection (EN IEC 60529)             | IP68                             |
| Invers-polarity protection                      | 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>Connection type 4</b>                        |                                  |
| Connection type 1                               | X0-X3                            |
| Connection type 2                               | X0-X3                            |
| Connection type 3                               | XZ1                              |
| Connection type 4                               | XZ1                              |
| Family construction form                        | M12                              |
| Gender                                          | female                           |
| Color contact carrier                           | green                            |
| Coding                                          | A                                |
| No. of poles                                    | 5                                |
| PIN 1                                           | CH +                             |
| PIN 2                                           | CH S +                           |
| PIN 3                                           | CH -                             |
| PIN 4                                           | CH S -                           |
| PIN 5                                           | n.c.                             |
| Family construction form                        | M12                              |
| Gender                                          | female                           |
| Color contact carrier                           | black                            |
| Coding                                          | A                                |
| No. of poles                                    | 5                                |
| PIN 1                                           | CH +                             |
| PIN 2                                           | CH S +                           |
| PIN 3                                           | CH -                             |
| PIN 4                                           | CH S -                           |
| PIN 5                                           | n.c.                             |
| 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.               |
| <b>Commercial data</b>   |                    |
| customs tariff number    | 85389099           |
| GTIN                     | 4065909027851      |
| Packaging unit           | 1                  |