

MVP12-P3 AI-RTD4 4xM12A IOLA12 E0

IO-Link Class A Hub

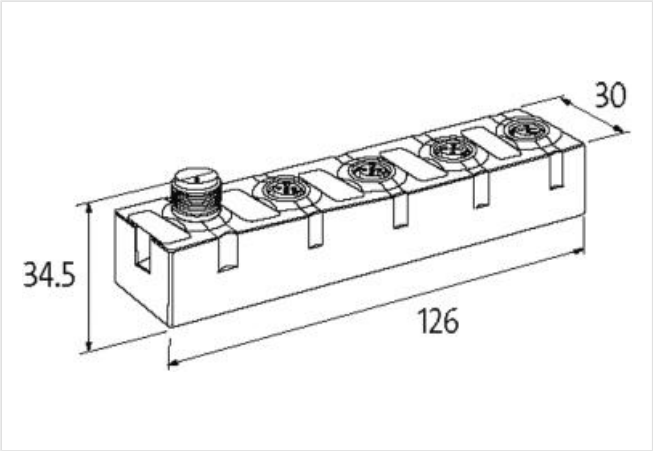
IO-Link hub in 30 mm plastic housing  
4 analog inputs (RTD)  
1 × M12 IO-Link Class A  
4 × M12 I/O  
Extended parameter range  
Connection cables are in the online shop under "Connection Technology".

Link to Product

Illustration



Product may differ from Image



| 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.               |

**Commercial data**

|                       |               |
|-----------------------|---------------|
| customs tariff number | 85389099      |
| GTIN                  | 4065909027851 |
| Packaging unit        | 1             |