

MVP12-P6 DIO8 DIO8 8xM12A IOLA12 PL4 B0

IO-Link Class A Hub + Ext. power port

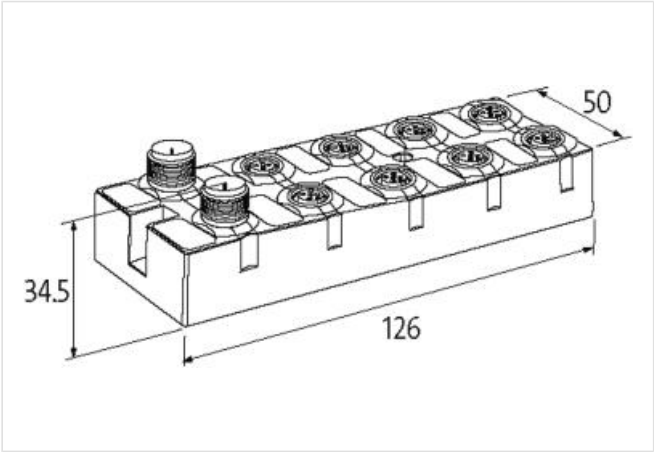
- IO-Link hub in 50 mm plastic housing
- 16 configurable digital inputs/outputs
- 1 × M12 IO-Link Class A
- 1 × M12L 4-pin power port with galvanic isolation
- 8 × M12 I/O
- Preconfigured parameter range
- Connection cables are in the online shop under "Connection Technology".

Link do produto

Ilustração



Produto pode diferir da imagem



| Electrical data   Supply           |                   |
|------------------------------------|-------------------|
| Operating voltage DC               | 24 V              |
| Operating voltage UL1 DC           | 24 V              |
| Operating voltage UL1 DC min.      | 18 V              |
| Operating voltage UL1 DC max.      | 30 V              |
| Operating voltage UL2 DC           | 24 V              |
| Operating voltage UL2 DC min.      | 18 V              |
| Operating voltage UL2 DC max.      | 30 V              |
| Current consumption max.           | 75 mA             |
| Total current UL1                  | 6 A               |
| Total current UL2                  | 6 A               |
| Electrical data   Input            |                   |
| Sensor current per input max.      | 0,5 A             |
| Type input                         | Type 1, Type 3    |
| Input filter time                  | 1 ms              |
| Electrical data   Output           |                   |
| Output current per pin max.        | 12 × 2 A; 4 × 4 A |
| Industrial communication   IO-Link |                   |

|                                    |                     |
|------------------------------------|---------------------|
| IO-Link process data length output | 2 Bytes             |
| IO-Link process data length input  | 2 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    |
| Galvanic separation US/UL1/UL2      | yes    |

#### 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.   | 85 °C  |

#### Conformity

|                  |            |
|------------------|------------|
| Product standard | EN 61131-2 |
|------------------|------------|

#### Connection type 8

|                          |                |
|--------------------------|----------------|
| Connection type 1        | X0-X3          |
| Connection type 2        | X0-X3          |
| Connection type 3        | X4-X7          |
| Connection type 4        | X4-X7          |
| Connection type 5        | XD1            |
| Connection type 6        | XD1            |
| Connection type 7        | XZ1            |
| Connection type 8        | XZ1            |
| Family construction form | M12            |
| Gender                   | female         |
| Color contact carrier    | black          |
| Coding                   | A              |
| No. of poles             | 5              |
| PIN 1                    | 24 V DC (UL 2) |
| PIN 2                    | DIO (UL 2)     |
| PIN 3                    | 0 V (UL 2)     |

|                          |                |
|--------------------------|----------------|
| PIN 4                    | DIO (UL 2)     |
| PIN 5                    | PE             |
| Family construction form | M12            |
| Gender                   | female         |
| Coding                   | A              |
| No. of poles             | 5              |
| PIN 1                    | 24 V DC UL 2   |
| PIN 2                    | DIO UL 2       |
| PIN 3                    | 0 V UL 2       |
| PIN 4                    | DIO UL 2       |
| PIN 5                    | PE             |
| Family construction form | M12            |
| Gender                   | female         |
| Color contact carrier    | black          |
| Coding                   | A              |
| No. of poles             | 5              |
| PIN 1                    | 24 V DC (UL 1) |
| PIN 2                    | DIO (UL 1)     |
| PIN 3                    | 0 V            |
| PIN 4                    | DIO (UL 1)     |
| PIN 5                    | PE             |
| Family construction form | M12            |
| Gender                   | female         |
| Coding                   | A              |
| No. of poles             | 5              |
| PIN 1                    | 24 V DC UL 1   |
| PIN 2                    | DIO UL 1       |
| PIN 3                    | 0 V UL 1       |
| PIN 4                    | DIO UL 1       |
| PIN 5                    | PE             |
| Family construction form | M12            |
| Gender                   | male           |
| Color contact carrier    | black          |
| Coding                   | L              |
| No. of poles             | 5              |
| PIN 1                    | 24 V DC (UL 1) |
| PIN 2                    | 0 V (UL 2)     |
| PIN 3                    | 0 V (UL 1)     |
| PIN 4                    | 24 V DC (UL 2) |
| PIN 5                    | n.c.           |
| Family construction form | M12            |
| Gender                   | male           |
| Coding                   | L              |
| No. of poles             | 5              |
| PIN 1                    | 24 V DC UL 1   |
| PIN 2                    | 0 V UL 2       |
| PIN 3                    | 0 V UL 1       |
| PIN 4                    | 24 V DC UL 2   |
| 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>Dados comerciais</b>  |                    |
| Classificação fiscal     | 85389099           |
| GTIN                     | 4065909027936      |
| Quantidade por embalagem | 1                  |