

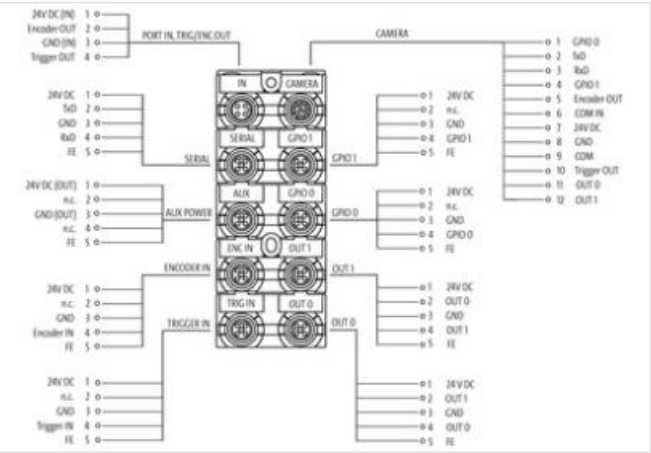
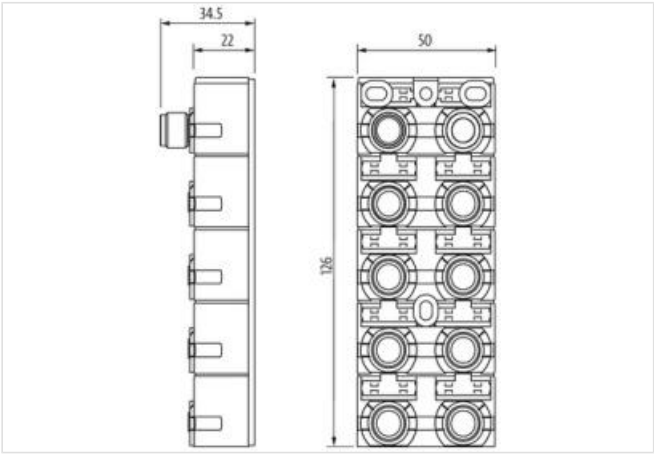
Master Breakout Box NPN

MVP12V-ON9F-NPGH

M12 plug connection  
with LED for digital PNP-signals 24 V DC  
Plastic housings with good resistance against chemicals and oils.  
10-way  
The resistance to aggressive media should be individually tested for your application. Further details on request.

Odkaz k produktu

Obrázky



Výrobok sa môže líšiť od zobrazenia



| Electrical data                  |        |
|----------------------------------|--------|
| Frequency max. (trigger/encoder) | 50 kHz |
| Electrical data   Supply         |        |
| Operating voltage DC             | 24 V   |
| Operating voltage DC min.        | 18 V   |

|                           |         |
|---------------------------|---------|
| Operating voltage DC max. | 28 V    |
| Nominal current           | 1500 mA |
| Open-circuit current      | 110 mA  |

**Electrical data | Output**

|                |         |
|----------------|---------|
| Output current | 2000 mA |
|----------------|---------|

**Device protection | Electrical**

|                                     |            |
|-------------------------------------|------------|
| Installation height max. ASL        | 2000 m     |
| Degree of protection (EN IEC 60529) | IP65, IP67 |
| Invers-polarity protection          | yes        |
| Short-circuit protected             | yes        |

**Device protection | Mechanical**

|                                         |                                              |
|-----------------------------------------|----------------------------------------------|
| Shock resistance (EN IEC 60068-2-27)    | 50 g, 11 ms                                  |
| Vibration resistance (EN IEC 60068-2-6) | 0,75 mm (10 ... 70 Hz), 15 g (70 ... 500 Hz) |

**Mechanical data | Mounting data**

|                          |         |
|--------------------------|---------|
| Net weight               | 210 g   |
| Installation measurement | 75 mm   |
| Height                   | 34,5 mm |
| Width                    | 50 mm   |
| Length                   | 126 mm  |

**Environmental characteristics | Electromagnetic compatibility**

|                          |               |
|--------------------------|---------------|
| Interference emission    | IEC 61000-6-4 |
| Immunity to interference | IEC 61000-6-2 |

**Environmental characteristics | Climatic**

|                            |        |
|----------------------------|--------|
| Operating temperature min. | -25 °C |
| Operating temperature max. | 45 °C  |
| Storage temperature min.   | -25 °C |
| Storage temperature max.   | 70 °C  |

**Conformity**

|      |                                                                                                                                                                                                                                                                 |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CE   | 2014/30/EU & 2011/65/EU                                                                                                                                                                                                                                         |
| UKCA | EN IEC 61000-6-2: 2019 Electromagnetic compatibility (EMC) – Part 6-2: Generic standards – Immunity standard for industrial environments (IEC 61000-6-2:2016 EN 61000-6-3: 2007 + A1:2011 Electromagnetic compatibility (EMC) - Part 6-3: Generic standards - E |

**Approvals**

|    |         |
|----|---------|
| UL | UL61010 |
|----|---------|

**Connection type 3**

|                          |             |
|--------------------------|-------------|
| Connection type 1        | Input       |
| Connection type 2        | Output      |
| Connection type 3        | X1-X8       |
| Family construction form | M12         |
| Gender                   | male        |
| Color contact carrier    | black       |
| Coding                   | A           |
| No. of poles             | 4           |
| PIN 1                    | 24 V DC     |
| PIN 2                    | Encoder Out |
| PIN 3                    | 0 V         |
| PIN 4                    | Trigger Out |
| Family construction form | M12         |
| Gender                   | female      |
| Color contact carrier    | black       |
| Coding                   | A           |

|                          |               |
|--------------------------|---------------|
| No. of poles             | 12            |
| PIN 1                    | GPIO 2        |
| PIN 2                    | TXD           |
| PIN 3                    | RXD           |
| PIN 4                    | GPIO 1        |
| PIN 5                    | Encoder In 1  |
| PIN 6                    | Common In     |
| PIN 7                    | 24 V DC Out   |
| PIN 8                    | 0 V           |
| PIN 9                    | Common Out    |
| PIN 10                   | Trigger In 0  |
| PIN 11                   | Out 0         |
| PIN 12                   | Out 1         |
| Family construction form | M12           |
| Gender                   | female        |
| Color contact carrier    | black         |
| Coding                   | A             |
| No. of poles             | 5             |
| <b>Commercial data</b>   |               |
| customs tariff number    | 85389099      |
| GTIN                     | 4048879887359 |
| Packaging unit           | 1             |