

## MVP-METALL, 8XM12, 5POLE, M23 19POL. CON.

Connector exit frontside

8-way, 5-pole, DIAGNOSTIC

M23 plug connection

19-pole used

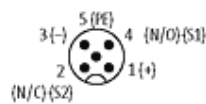
Operating current: 2 A per port

### [Link to Product](#)

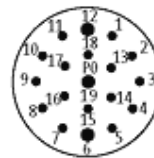
#### Illustration



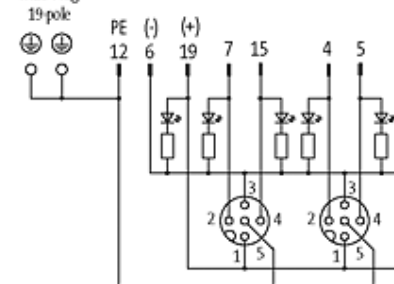
M12-Females 5-pole



M23-Plug 19-pole



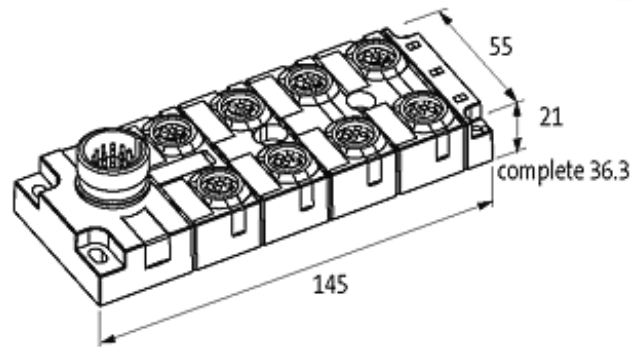
M23-Plug



for 2 signals per port

1

2



Product may differ from Image

### Technical Data

|                                       |  |
|---------------------------------------|--|
| Operating current (contact 3)         | max. 2 A (shutoff 2.3...2.7 A)                     |
| Operating voltage                     | 24 V DC (EN 61131-2)                               |
| Current consumption                   | max. 35 mA   |
| Total current                         | max. 10 A  |
| Inrush capacity                       | max. 1470 $\mu$ F                                  |
| Diagnostic output                     | active high, max. load 25 mA, M23 - PIN 18         |
| Unit protection                       | Short-circuit, overload (PNP switching)            |
| Required power supply with max. ports | min. 20 A  |
| Locking of ports                      | Screw thread M12 $\times$ 1 mm                     |
| Protection                            | IP65, IP67, IP68 inserted and tightened (EN 60529) |
| Housing                               | Zinc die casting, matte nickel plated              |

### General data

|                                    |                                |
|------------------------------------|--------------------------------|
| Temperature range                  | -20...+60 $^{\circ}$ C         |
| Dimensions H $\times$ W $\times$ D | 145 $\times$ 55 $\times$ 21 mm |

### Contact layout

|             |   |
|-------------|---|
| Contact 1   | (+)   |
| Contact 2   | Port 1...7: (NO)/(S2); Port 8: diagnostic                       |
| Contact 3   | (-)   |
| Contact 4   | (NO)/(S1)   |
| Contact 5   | (Earth)   |
| LED display | LED (green): Power / LED (yellow): (S1/S2) / LED (red): Failure |

### Description

|                        |  |
|------------------------|--|
| Functional description | All M12 ports are current monitored regarding 0 V total current (contact 3), and are switched off in case of overload or short-circuit (self-resetting). Operating voltage remains the same. In case of a fault the DIAGNOSTIC signal "active high" to the PLC |
|------------------------|--|

### Commercial data

|                        |          |
|------------------------|----------|
| country of origin      | CZ       |
| customs tariff number  | 85369010 |
| minimum order quantity | 1        |