

## Vue d'ensemble

- IP67 field IO-Link Master
- 8 Ports, Class A/B, up to 4 A per port, 400 µs cycle time
- Industrial Ethernet: PROFINET
- IIoT: OPC UA, MQTT, JSON REST API



## Caractéristiques techniques

### Données générales

|                          |   |
|--------------------------|---|
| Degree of protection     | IP67  |
| LED Indicators           | Digital Input<br>Ethernet Port Status<br>IO-Link<br>Module status<br>Network status<br>Tension d'alimentation |
| Communication Interfaces | Ethernet<br>IO-Link   |
| Protocols                | PROFINET<br>OPC UA<br>MQTT<br>JSON  |
| Software                 | Baumer Sensor Suite   |

### Données électriques

|                   |  |
|-------------------|--|
| Connector         | Female M12 5-Pol, A-coded<br>Female M12 4-Pole, D-coded<br>Male M12 5-Pol, L-coded, (Supply input)<br>Female M12 5-Pol, L-coded, (Supply output) |
| Power supply      | 24 V DC  |
| Power Consumption | 0,18 A   |
| Current supply    | US 16 A (Master and Sensors)<br>UA 16 A (Actuators)  |

### Interface de communication Ethernet

|                       |   |
|-----------------------|---|
| Number of connections | 2   |
| Connector             | Female M12 4-Pole, D-coded                        |
| Standards             | IEEE 802.3: 10Base-T / IEEE 802.3u:<br>100Base-TX |
| Transmission rate     | 10 MBit/s<br>100 MBit/s                           |
| Cable length          | 100 m   |

### Interface de communication Ethernet

|           |                                    |
|-----------|------------------------------------|
| Protocols | PROFINET<br>OPC UA<br>MQTT<br>JSON |
|-----------|------------------------------------|

### Interface de communication IO-Link

|                             |  |
|-----------------------------|--|
| IO-Link port type           | Class A/B  |
| Number of connections       | 8  |
| Number of input and outputs | 8 x IO-Link<br>Digital Input (DI)<br>Digital Output (DO) |
| Output current L+/L-        | 2 A  |
| Output current C/Q          | 2 A  |
| Output current Master max.  | 10 A   |
| Short-circuit-proof         | Oui  |
| Reverse polarity protected  | Oui  |

### Interface de communication Digital input

|           |                                     |
|-----------|-------------------------------------|
| Standards | IEC 61131-2 Typ 1 and Typ 3 conform |
|-----------|-------------------------------------|

### Interface de communication Digital output

|                            |         |
|----------------------------|---------|
| Output voltage             | 24 V DC |
| Output current max.        | 2 A     |
| Output current L+/L-       | 2 A     |
| Output current C/Q         | 2 A     |
| Output current Master max. | 10 A    |
| Short-circuit-proof        | Oui     |
| Reverse polarity protected | Oui     |

### Données mécaniques

|        |        |
|--------|--------|
| Model  | Cubic  |
| Width  | 63 mm  |
| Height | 225 mm |
| Depth  | 36 mm  |
| Weight | 470 g  |

### Caractéristiques techniques

#### Conditions ambiantes

Operating temperature min. -25 °C ...+ 70 °C

#### Conditions ambiantes

Storage temperature min. -25 °C ...+ 85 °C

### Schéma de raccordement

### Schéma de raccordement

