

**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: EtherCAT
- 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 | EtherCAT<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 | EtherCAT<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**

