

Basic features

| | |
|---------------------|-------------|
| Approval/Conformity | CE WEEE |
| Scope of delivery | Short guide |

Display/Operation

| | |
|---------------------------------|-----------|
| IO-Link communication indicator | Green LED |
| Module supply indicator | Green LED |

Electrical connection

| | |
|-----------------------------|---------------------------------------|
| Connection (COM 1) | M12x1-Male, 4-pin, A-coded |
| Connection slots | M12x1-Female, 4-pin, A-coded |
| Contact, surface protection | nickel plated 2 µm/gold plated 0.4 µm |

Electrical data

| | |
|--|---------------|
| Configurable inputs/outputs | no |
| Current consumption without load, max. | 30 mA |
| Current sum US, sensor | 4 A |
| IO-Link function | Device |
| IO-Link ports, number | 1 |
| Operating voltage U_b | 18...30.2 VDC |
| Rated operating voltage U_e DC | 24 V |

Environmental conditions

| | |
|---------------------|------------------------|
| Ambient temperature | -5...70 °C |
| IP rating | IP67, when threaded in |
| Storage temperature | -25...70 °C |

Functional safety

| | |
|--------------|-------|
| MTTF (40 °C) | 273 a |
|--------------|-------|

IO-Link

| | |
|--------------------|-----|
| IO-Link Profil IDs | N/A |
|--------------------|-----|

Interface

| | |
|--------------------------------|-----------------------------|
| Analog outputs | Analog, current (4...20 mA) |
| Cycle time min. | 3 ms |
| IO-Link version | 1 |
| Interface | IO-Link 1.0 |
| Process data IN | 2 bytes |
| Process data OUT | 2 bytes |
| Process data cycle min. | 12 ms |
| Transfer rate | COM2 (38.4 kBaud) |

Material

| | |
|-------------------------|--------|
| Gasket, material | FKM 75 |
| Housing material | PA |
| Housing shield | no |

Mechanical data

| | |
|------------------|---------------------|
| Dimension | 14.2 x 50.4 x 40 mm |
|------------------|---------------------|

Range/Distance

| | |
|-------------------|-----------|
| Resolution | ≤ 14 bits |
|-------------------|-----------|

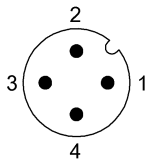
Remarks

See short guide

For more information about MTTF and B10d see MTTF / B10d Certificate

Indication of the MTTF- / B10d value does not represent a binding composition and/or life expectancy assurance; these are simply experiential values with no warranty implications. These declared values also do not extend the expiration period for defect claims or affect it in any way.

Connector Drawings



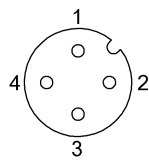
IO-Link

PIN 1: +24V, 1.4A

PIN 2: not used

PIN 3: GND, reference potential

PIN 4: C/Q, IO-Link



Analog Output Port

PIN 1: +24V, 1.5A

PIN 2: Output signal+/Current

PIN 3: GND

PIN 4: Output signal - /Current