

Basic features

| | |
|----------------------------|--|
| Approval/Conformity | CE EAC WEEE |
| Scope of delivery | Part label (12x) Port cover M12 (4x) Short guide |
| Style | Two-row |

Display/Operation

| | |
|--|------------|
| IO-Link communication indicator | Green LED |
| Module supply indicator | Green LED |
| Sensor supply US indicator | Green LED |
| Switching function display | LED yellow |

Electrical connection

| | |
|------------------------------------|---------------------------------------|
| Connection (COM 1) | M12x1-Male, 4-pin, A-coded |
| Connection slots | 8x M12x1-Female, 5-pin, A-coded |
| Contact, surface protection | nickel plated 2 µm/gold plated 0.4 µm |

Electrical data

| | |
|--|---------------|
| Burst | 4A |
| Configurable inputs/outputs | no |
| Current consumption without load, max. | 40 mA |
| ESD | 3A |
| 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...55 °C |
| Protection degree | IP67 when threaded in |
| Storage temperature | -25...70 °C |

Functional safety

| | |
|---------------------|-------|
| MTTF (40 °C) | 108 a |
|---------------------|-------|

Material

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

Mechanical data

| | |
|------------------|--------------------|
| Dimension | 50 x 30.8 x 115 mm |
| Mounting | 3-hole screw mount |

Output/Interface

| | |
|--------------------------------|-------------------|
| Cycle time min. | 3.0 ms |
| Digital inputs | 16x PNP, Type 2 |
| IO-Link version | 1 |
| Interface | IO-Link 1.0 |
| Process data IN | 2 bytes |
| Process data cycle min. | 3.0 ms |
| Transfer rate | COM2 (38.4 kBaud) |

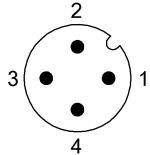
Remarks

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



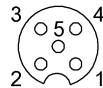
IO-Link

PIN 1: +24V, 1.6A

PIN 2: n.c.

PIN 3: GND, reference potential

PIN 4: C/Q, IO-Link DC-Channel



Input Ports

PIN 1: +24V, 100mA

PIN 2: Input 2

PIN 3: GND

PIN

4:

Input 1

PIN 5: n.c.