

## Basic features

<b>Approval/Conformity</b>	CE cULus EAC WEEE
<b>Scope of delivery</b>	Part label (20x) Port cover M12 (4x) Grounding strap Lock washer Short guide M4x6 screw
<b>Style</b>	Two-row

## Display/Operation

<b>IO-Link communication indicator</b>	Green LED
<b>Module supply indicator</b>	Green LED
<b>Sensor supply US indicator</b>	Green LED
<b>Switching function display</b>	LED yellow

## Electrical connection

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

## Electrical data

<b>Configurable inputs/outputs</b>	no
<b>Current consumption without load, max.</b>	45 mA
<b>IO-Link function</b>	Device
<b>IO-Link ports, number</b>	1
<b>Operating voltage <math>U_b</math></b>	18...30.2 VDC
<b>Rated operating voltage <math>U_e</math> DC</b>	24 V

**Environmental conditions**

<b>Ambient temperature</b>	-5...70 °C
<b>Ambient temperature UL max.</b>	45 °C
<b>EN 60068-2-6, Vibration</b>	61...500 Hz, constant acceleration 15 g 5...61 Hz, constant amplitude 1 mm
<b>IP rating</b>	IP67 when threaded in
<b>Storage temperature</b>	-25...70 °C

**Material**

<b>Gasket, material</b>	FKM 75
<b>Housing material</b>	Zinc, Die casting
<b>Housing shield</b>	yes
<b>Surface protection</b>	Cu 15 µm Ni 15 µm

**Mechanical data**

<b>Dimension</b>	68 x 31.8 x 181.5 mm
<b>Mounting</b>	2-hole screw mount
<b>Mounting ground strap</b>	M4 internal thread

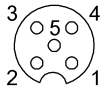
**Output/Interface**

<b>Additional function</b>	Identification 2 bytes
<b>Cycle time min.</b>	4.0 ms
<b>Digital inputs</b>	16x NPN, Type 2
<b>IO-Link version</b>	1.1
<b>Interface</b>	IO-Link 1.1
<b>Process data IN</b>	6 bytes
<b>Process data cycle min.</b>	4.0 ms
<b>Single-channel monitoring</b>	yes
<b>Transfer rate</b>	COM2 (38.4 kBaud)

**Remarks**

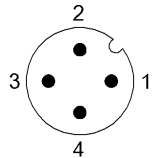
See short guide

**Connector Drawings**



**Input Ports**

- PIN 1: +24V, 100mA
- PIN 2: Input 2
- PIN 3: GND
- PIN 4: Input 1
- PIN 5: n.c.



**IO-Link**

- PIN 1: +24V
- PIN 2: n.c.
- PIN 3: GND
- PIN 4: C/Q, IO-Link DC-Channel