

### Basic features

<b>Approval/Conformity</b>	CE cULus EAC WEEE
<b>Scope of delivery</b>	Module Port cover M8 (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 M8x1-Female, 3-pin
<b>Contact, surface protection</b>	nickel plated 2 µm/gold plated 0.4 µm

### Electrical data

<b>Burst</b>	4A
<b>Configurable inputs/outputs</b>	no
<b>Current consumption without load, max.</b>	90 mA
<b>ESD</b>	2A
<b>IO-Link function</b>	Device
<b>IO-Link ports, number</b>	1
<b>Operating voltage U<sub>b</sub></b>	18...30.2 VDC
<b>Rated operating voltage U<sub>e</sub> 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>	5...61 Hz, constant amplitude 1 mm 61...500 Hz, constant acceleration 15 g
<b>Protection degree</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**

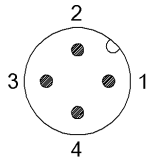
<b>Dimension</b>	30 x 32.8 x 132 mm
<b>Mounting</b>	2-hole screw mount
<b>Mounting ground strap</b>	M4 internal thread

**Output/Interface**

<b>Cycle time min.</b>	3.2 ms
<b>Digital inputs</b>	8x PNP, Type 3
<b>Extension port</b>	yes
<b>IO-Link version</b>	1.1
<b>Interface</b>	IO-Link 1.1
<b>Process data IN</b>	1 bytes
<b>Process data cycle min.</b>	3.2 ms
<b>Transfer rate</b>	COM2 (38.4 kBaud)

**Remarks**

See short guide

**Connector Drawings**

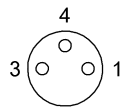
IO-Link

PIN 1: +24V

PIN 2: n.c.

PIN 3: GND, reference potential

PIN 4: IO-Link



Input Ports

PIN 1: +24V, 0.2A

PIN 3: 0V

PIN 4: Input