

**Basic features**

<b>Approval/Conformity</b>	CE UKCA cULus 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>	90 mA
<b>Current sum US, sensor</b>	4 A
<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

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

## IO-Link

IO-Link Profil IDs	N/A
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## Interface

Additional function	Identification 2 bytes
Cycle time min.	3.0 ms
Digital inputs	16x PNP, Type 2
IO-Link version	1
Interface	IO-Link 1.0
Process data IN	6 bytes
Process data cycle min.	18 ms
Single-channel monitoring	yes
Transfer rate	COM2 (38.4 kBaud)

## Material

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

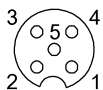
## Mechanical data

Dimension	68 x 31.8 x 181.5 mm
Mounting ground strap	M4 internal thread
Mounting part	2-hole screw mount

## Remarks

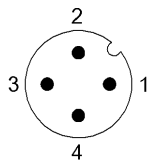
See short guide

## Connector Drawings



### Input Ports

PIN 1: +24V, 100mA  
PIN 2: Input 2  
PIN 3: GND  
PIN 4: Input 1  
PIN 5: Function ground



### IO-Link

PIN 1: +24V  
PIN 2: not used  
PIN 3: GND  
PIN 4: C/Q, IO-Link DC-Channel