

## Basic features

<b>Approval/Conformity</b>	CE EAC WEEE cULus
<b>Scope of delivery</b>	Part label (12x) Port cover M12 (4x) Short guide
<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>	40 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 <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...55 °C
<b>IP rating</b>	IP67, when threaded in
<b>Storage temperature</b>	-25...70 °C

## Functional safety

<b>MTTF (40 °C)</b>	108 a
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## Material

<b>Gasket, material</b>	FKM 75
<b>Housing material</b>	PA, Transparent
<b>Housing shield</b>	no

## Mechanical data

<b>Dimension</b>	50 x 30.8 x 115 mm
<b>Mounting</b>	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)

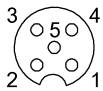
## Remarks

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



### Input Ports

PIN 1: +24V, 100mA

PIN 2: Input 2

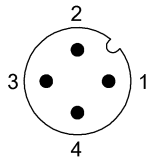
PIN 3: GND

PIN

4:

Input 1

PIN 5: n.c.



### IO-Link

PIN 1: +24V, 1.6A

PIN 2: n.c.

PIN 3: GND, reference potential

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