

### Basic features

<b>Approval/Conformity</b>	CE EAC WEEE
<b>Scope of delivery</b>	User manual

### Display/Operation

<b>IO-Link communication indicator</b>	Green LED
<b>Module supply indicator</b>	Green LED

### Electrical connection

<b>Connection (COM 1)</b>	M12x1-Male, 4-pin, A-coded
<b>Connection slots</b>	M12x1-Female, 5-pin, A-coded
<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>	yes
<b>Current consumption without load, max.</b>	60 mA
<b>ESD</b>	3A
<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>Protection degree</b>	IP67 when threaded in
<b>Storage temperature</b>	-25...70 °C

### Functional safety

<b>MTTF (40 °C)</b>	88 a
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## Material

Gasket, material	FKM 75
Housing material	Stainless steel (1.4404) PTFE
Housing shield	yes

## Mechanical data

Dimension	Ø 18 x 135.5 mm
Mounting	Diameter 18.0 mm Mounting clamps

## Output/Interface

Analog inputs	Analog, voltage/analog, current/ analog, temperature (0...10 V/-10...10 V/0...5 V/-5...5 V/ 5...10 V/4...20 mA/0...20 mA/ Pt100/Pt1000)
Cycle time min.	10 ms
IO-Link version	1.1
Interface	IO-Link 1.1
Process data IN	3 bytes
Process data cycle min.	10 ms
Transfer rate	COM2 (38.4 kBaud)

## Range/Distance

Resolution	≤ 16 bits max.
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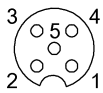
## Remarks

See short guide

For more information about MTTF and B10d see MTTF / B10d Certificate

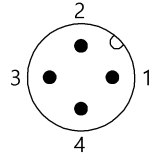
Indication of the MTTF- / B10d value does not represent a binding composition and/or life expectancy assurance; these are simply experiential values with no warranty implications. These declared values also do not extend the expiration period for defect claims or affect it in any way.

## Connector Drawings



### I/O ports

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



### IO-Link

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