

### Basic features

Approval/Conformity	CE WEEE
Scope of delivery	Short guide

### Display/Operation

IO-Link communication indicator	Green LED
Module supply indicator	Green LED

### Electrical connection

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

### Electrical data

Configurable inputs/outputs	no
Current consumption without load, max.	30 mA
Current sum US, sensor	4 A
IO-Link function	Device
IO-Link ports, number	1
Operating voltage $U_b$	18...30.2 VDC
Rated operating voltage $U_e$ DC	24 V

### Environmental conditions

Ambient temperature	-5...70 °C
IP rating	IP67, when threaded in
Storage temperature	-25...70 °C

### Functional safety

MTTF (40 °C)	494 a
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### IO-Link

IO-Link Profil IDs	N/A
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## Interface

Analog inputs	Analog, voltage (0...10 V)
Cycle time min.	3 ms
IO-Link version	1
Interface	IO-Link 1.0
Process data IN	2 bytes
Process data cycle min.	3 ms
Transfer rate	COM2 (38.4 kBaud)

## Material

Gasket, material	FKM 75
Housing material	PA
Housing shield	no

## Mechanical data

Dimension	14.2 x 50.4 x 40 mm
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## Range/Distance

Resolution	≤ 14 bits
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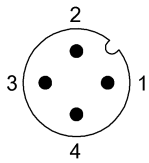
## Remarks

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



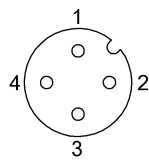
IO-Link

PIN 1: +24V, 1.4A

PIN 2: not used

PIN 3: GND, reference potential

PIN 4: C/Q, IO-Link



Analog input port

PIN 1: +24V, 1.5A

PIN 2: not used

PIN 3: GND

PIN 4: Analog input/Voltage