

**Basic features**

<b>Approval/Conformity</b>	CE cULus EAC WEEE
<b>Scope of delivery</b>	Module Part label (21x) Port cover M8 (4x) Grounding strap Lock washer Short guide M4x6 screw
<b>Style</b>	Two-row

**Display/Operation**

<b>Actuator supply UA, indicator</b>	Green LED
<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>	16x 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>	yes
<b>Current consumption without load, max.</b>	90 mA
<b>ESD</b>	3A
<b>IO-Link function</b>	Device
<b>IO-Link ports, number</b>	1
<b>Operating voltage Ub</b>	18...30.2 VDC
<b>Rated operating voltage Ue DC</b>	24 V
<b>Switching current</b>	16x 300 mA

## Environmental conditions

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

## Material

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

## Mechanical data

Dimension	30 x 32.8 x 220 mm
Mounting	2-hole screw mount
Mounting ground strap	M4 internal thread

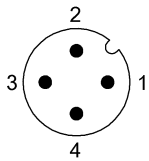
## Output/Interface

Cycle time min.	4.0 ms
Digital inputs	16x PNP, Type 3
Digital outputs	16x PNP
Extension port	yes
IO-Link version	1.1
Interface	IO-Link 1.1
Process data IN	2 bytes
Process data OUT	2 bytes
Process data cycle min.	4.0 ms
Transfer rate	COM2 (38.4 kBaud)

## Remarks

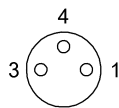
See short guide

## Connector Drawings



IO-Link

PIN 1: +24V, 1.5A Controller  
PIN 2: +24V, 1.6A actuators  
PIN 3: GND, reference potential  
PIN 4: C/Q, IO-Link DC-Channel



I/O ports

PIN 1: +24V, 0.2A  
PIN 3: 0V  
PIN 4: In-/Output