

**Basic features**

<b>Approval/Conformity</b>	CE EAC WEEE
<b>Scope of delivery</b>	Part label (12x) Port cover M12 (4x) Short guide
<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>	8x 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>	65 mA
<b>ESD</b>	3A
<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
<b>Switching current</b>	16x 200 mA

**Environmental conditions**

<b>Ambient temperature</b>	-5...55 °C
<b>Protection degree</b>	IP67 when threaded in
<b>Storage temperature</b>	-25...70 °C

**Material**

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

**Mechanical data**

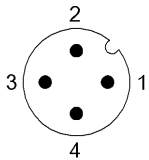
<b>Dimension</b>	50 x 30.8 x 115 mm
<b>Mounting</b>	3-hole screw mount
<b>Mounting ground strap</b>	M5 screw with spring washer

**Output/Interface**

<b>Additional function</b>	Identification 2 bytes
<b>Cycle time min.</b>	6.0 ms
<b>Digital inputs</b>	16x NPN, Type 3
<b>Digital outputs</b>	16x NPN
<b>Extension port</b>	yes
<b>IO-Link version</b>	1.1
<b>Interface</b>	IO-Link 1.1
<b>Process data IN</b>	10 bytes
<b>Process data OUT</b>	2 bytes
<b>Process data cycle min.</b>	6.0 ms
<b>Single-channel monitoring</b>	yes
<b>Transfer rate</b>	COM2 (38.4 kBaud)

**Remarks**

See short guide

**Connector Drawings**

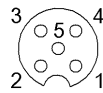
IO-Link

PIN 1: +24V

PIN 2: +24V, AUX

PIN 3: GND, reference potential

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



Digital In-/Output Port

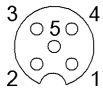
PIN 1: +24V

PIN 2: Digital IO NPN

PIN 3: GND, reference potential

PIN 4: Digital IO NPN

PIN 5: Function ground



Extension port

PIN 1: +24V

PIN 2: Digital IO NPN/+24V, AUX

PIN 3: GND, reference potential

PIN 4: Digital IO NPN/IO-Link

PIN 5: Function ground