

### Basic features

<b>Approval/Conformity</b>	CE UKCA WEEE cULus
<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

### Electrical data

<b>Configurable inputs/outputs</b>	yes
<b>Current consumption without load, max.</b>	65 mA
<b>Current sum UA, actuator</b>	4 A
<b>Current sum US, sensor</b>	4 A
<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 350 mA

### 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>	62 a
---------------------	------

### IO-Link

<b>IO-Link Profil IDs</b>	N/A
---------------------------	-----

**Interface**

<b>Cycle time min.</b>	5.0 ms
<b>Digital inputs</b>	16x PNP, Type 3
<b>Digital outputs</b>	16x PNP
<b>IO-Link version</b>	1.1
<b>Interface</b>	IO-Link 1.1
<b>Process data IN</b>	8 bytes
<b>Process data OUT</b>	2 bytes
<b>Process data cycle min.</b>	5.0 ms
<b>Single-channel monitoring</b>	yes
<b>Transfer rate</b>	COM2 (38.4 kBaud)

**Material**

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

**Mechanical data**

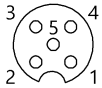
<b>Dimension</b>	50 x 30.8 x 115 mm
<b>Mounting ground strap</b>	M5 screw with spring washer
<b>Mounting part</b>	3-hole screw mount

**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****Digital In-/Output Port**

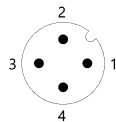
PIN 1: +24V

PIN 2: Input/Output 2

PIN 3: 0V / GND

PIN 4: Input/Output 1

PIN 5: Function ground

**IO-Link**

PIN 1: +24V, Controller

PIN 2: +24V, Actuators

PIN 3: GND, reference potential

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