

Basic features

Approval/Conformity	CE EAC WEEE
Scope of delivery	Part label (12x) Port cover M12 (4x) Short guide
Style	Two-row

Display/Operation

Actuator supply UA, indicator	Green LED
IO-Link communication indicator	Green LED
Module supply indicator	Green LED
Sensor supply US indicator	Green LED
Switching function display	LED yellow

Electrical connection

Connection (COM 1)	M12x1-Male, 4-pin, A-coded
Connection slots	8x M12x1-Female, 5-pin, A-coded
Contact, surface protection	nickel plated 2 µm/gold plated 0.4 µm

Electrical data

Burst	4A
Configurable inputs/outputs	yes
Current consumption without load, max.	65 mA
ESD	3A
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
Switching current	16x 350 mA

Environmental conditions

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

Functional safety

MTTF (40 °C)	62 a
--------------	------

Material

Gasket, material	FKM 75
Housing material	PA, Transparent
Housing shield	no

Mechanical data

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

Output/Interface

Additional function	Identification 2 bytes
Cycle time min.	5.5 ms
Digital inputs	16x PNP, Type 3
Digital outputs	16x PNP
IO-Link version	1.1

Interface	IO-Link 1.1
Process data IN	10 bytes
Process data OUT	2 bytes
Process data cycle min.	5.5 ms
Single-channel monitoring	yes
Transfer rate	COM2 (38.4 kBaud)

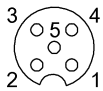
Remarks

See short guide

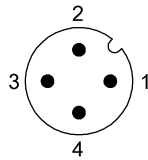
For more information about MTTF and B10d see MTTF / B10d Certificate

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, 0.2A
 PIN 2: Input/Output 2
 PIN 3: 0V / GND
 PIN 4: Input/Output 1
 PIN 5: Function ground



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