

Basic features

Approval/Conformity	CE cULus EAC WEEE
Scope of delivery	Module Port cover M8 (4x) Grounding strap Lock washer Short guide M4x6 screw
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 M8x1-Female, 3-pin
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.	90 mA
ESD	3A
IO-Link function	Device
IO-Link ports, number	1
Operating voltage Ub	18...30.2 VDC
Rated operating voltage Ue DC	24 V
Switching current	8x 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 132 mm
Mounting	2-hole screw mount
Mounting ground strap	M4 internal thread

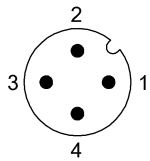
Output/Interface

Cycle time min.	3.5 ms
Digital inputs	8x PNP, Type 3
Digital outputs	8x PNP
Extension port	yes
IO-Link version	1.1
Interface	IO-Link 1.1
Process data IN	1 bytes
Process data OUT	1 bytes
Process data cycle min.	3.5 ms
Transfer rate	COM2 (38.4 kBaud)

Remarks

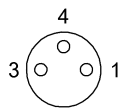
See short guide

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