

### Display/Operation

Actuator supply UA, indicator	LED green
Sensor supply US indicator	LED green
Switching function display	LED yellow

### Electrical connection

Contact, surface protection	nickel plated 2 µm/gold plated 0.4 µm
-----------------------------	---------------------------------------

### Electrical data

Address range	0 - 99
Configurable inputs/outputs	yes
Current sum UA, actuator	9.0 A
Current sum US, sensor	9.0 A
Operating voltage Ub	18...30.2 VDC
Output current max.	2 A
Rated operating voltage Ue DC	24 V
Transfer rate	9.6...12 Mbit/s

### Environmental conditions

Ambient temperature	-5...70 °C
---------------------	------------

EN 60068-2-6, Vibration

Protection type IEC 60529  
 Storage temperature

5...61 Hz, constant amplitude 1 mm  
 61...500 Hz, constant acceleration 15 g  
 IP67 when threaded in  
 -25...70 °C

### General data

Approval/Conformity	CE CSA UL 94
Scope of delivery	Part label (20x) Blind plugs M12 (4x) Ground strap Lock washer Short guide M4x6 screw
Style	Two-row

### Material

Gasket, material	FKM 75
Housing material	Zinc, Die casting
Housing shield	yes
Surface protection	Cu 15 µ Ni 15 µ

### Mechanical data

Dimension	68 x 37.9 x 224 mm
Fastening detail	2-hole screw mount
Mounting ground strap	M4

### Output/Interface

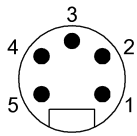
Auxiliary interfaces	4x IO-Link
----------------------	------------

Auxiliary interfaces, number	4x IO-Link
Digital inputs	16x PNP, Type 2
Digital outputs	16x PNP
Interface	Profibus Profibus DP EN 50170

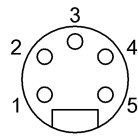
### Remarks

Mounting instructions	See short guide
-----------------------	-----------------

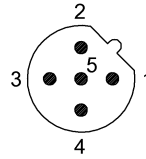
### Connector view



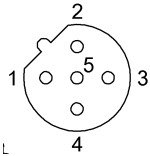
PIN 1: 0V PIN 2: 0V PIN 3: Function ground PIN 4: Sensor and bus supply. PIN 5: Actuator supply Power IN



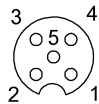
PIN 1: 0V PIN 2: 0V PIN 3: Function ground PIN 4: Sensor and bus supply. PIN 5: Actuator supply Power Out



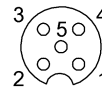
PIN 1: Supply voltage + PIN 2: A-conductor PIN 3: DGND PIN 4: B-conductor PIN 5: Shield



PIN 1: Supply voltage + PIN 2: A-conductor PIN 3: DGND PIN 4: B-conductor PIN 5: Shield



I/O ports PIN 1: +24V, 0.2A PIN 2: In-/output/Diagnostics PIN 3: 0V PIN 4: In-/Output PIN 5: Function ground



IO-Link PIN 1: +24V, 1.6A PIN 2: In-/output/Diagnostics PIN 3: 0V PIN 4: IO-Link/In-/output PIN 5: n.c.