

- CC-Link
- Intelligent functions



**General attributes**

Approvals / Conformity

Enclosure Type per IEC 60529

Indicator actuators supply UA

Indicator sensors supply US

Indicator switching function

Mounting instruction

Scope of delivery

Transmission protocol

**Electrical attributes**

Address range

Bus system

Configurable in-/outputs

Current sum US (Sensor)

Eff. operating voltage Ue DC

Inputs

Number of auxiliary interfaces

CLPA

CE

UL94

IP67 (when connected)

Yes, LED green

Yes, LED green

Yes, LED yellow

See short guide

20x labels

Short guide

Screw M4x6

4x plugs M12

Circlip

Ground strap

CC-Link Ver. 1.1

1-64

CC-Link

Yes

9.0 A

24 V

PNP, Type 2

4x IO-Link

Number of inputs

Number of outputs 2A

Occupied stations

Operating voltage UB max. DC [V]

Operating voltage UB min. DC [V]

Switching output

Transfer rate max.

Transfer rate min.

**Mechanical attributes**

Ambient temperature Ta max.

Ambient temperature Ta min.

Height

Housing material

Housing shield

Length

Mounting ground strap

Mounting type

Number of plug-in positions

Storage temperature max.

Storage temperature min.

Style

Surface protection

Width

16

16

4

30.2 V

18 V

PNP

10 Mbit/s

156 Kbit/s

55 °C

-5 °C

37.9 mm

GD-ZnAl4Cu1 (die-cast zinc)

Yes

224.0 mm

M4

2-hole screw mounting

8

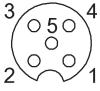
70 °C

-25 °C

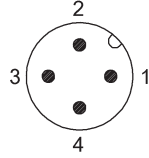
Two-row

Cu 15 μ / Ni 15 μ

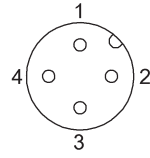
68.0 mm



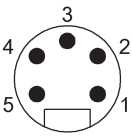
IO-Link  
PIN 1: +24V, 1.6A  
PIN 2: In-/output/Diagnostics  
PIN 3: 0V  
PIN 4: IO-Link/In-/output  
PIN 5: n.c.



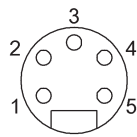
Bus In  
PIN 1: SLD  
PIN 2: DB  
PIN 3: DG  
PIN 4: DA



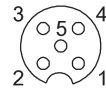
Bus Out  
PIN 1: SLD  
PIN 2: DB  
PIN 3: DG  
PIN 4: DA



PIN 1: GND  
PIN 2: GND  
PIN 3: Function ground  
PIN 4: Sensor and bus supply.  
PIN 5: Actuator supply  
Power In



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



I/O Ports  
PIN 1: +24V, 0.2A  
PIN 2: In-/output 1.6A  
PIN 3: GND  
PIN 4: In-/output 1.6A  
PIN 5: Function ground