

- CC-Link
- Digital mixed functions



**General attributes**

Approvals / Conformity

CE

CLPA

UL94

Enclosure Type per IEC 60529

IP67 (when connected)

Indicator actuators supply UA

Yes, LED green

Indicator sensors supply US

Yes, LED green

Indicator switching function

Yes, LED yellow

Mounting instruction

See short guide

Scope of delivery

20x labels

Short guide

Screw M4x6

4x plugs M12

Circlip

Ground strap

CC-Link Ver. 1.1

Transmission protocol

**Electrical attributes**

Address range

1-64

Bus system

CC-Link

Configurable in-/outputs

Yes

Current sum US (Sensor)

9.0 A

Eff. operating voltage Ue DC

24 V

Inputs

PNP, Type 2

Number of inputs

16

Number of outputs 2A

16

Occupied stations

1

Operating voltage UB max. DC [V]

30.2 V

Operating voltage UB min. DC [V]

18 V

Switching output

PNP

Transfer rate max.

10 Mbit/s

Transfer rate min.

156 Kbit/s

**Mechanical attributes**

Ambient temperature Ta max.

55 °C

Ambient temperature Ta min.

-5 °C

Connection sensors/actuators

M12x1

Height

37.9 mm

Housing material

GD-ZnAl4Cu1 (die-cast zinc)

Housing shield

Yes

Length

224.0 mm

Mounting ground strap

M4

Mounting type

2-hole screw mounting

Number of plug-in positions

8

Storage temperature max.

70 °C

Storage temperature min.

-25 °C

Style

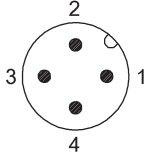
Two-row

Surface protection

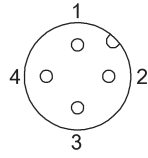
Cu 15 µ / Ni 15 µ

Width

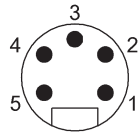
68.0 mm



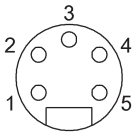
Bus In  
PIN 1: SLD  
PIN 2: DB  
PIN 3: DG  
PIN 4: DA



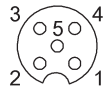
Bus Out  
PIN 1: SLD  
PIN 2: DB  
PIN 3: DG  
PIN 4: DA



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