

- PROFIBUS
- Intelligent functions



General attributes

Approvals / Conformity

CE
UL94
CSA
BAL_OC67
IP67 (when connected)
Yes, LED green
Yes, LED green
Yes, LED yellow
See short guide
Screw M4x6
Short guide
20x labels
4x plugs M12
Circlip
Ground strap
PROFIBUS DP per EN 50170

Device description file

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

0-99
PROFIBUS
Yes
9.0 A
24 V
PNP, Type 2

Number of auxiliary interfaces

Number of inputs

Number of outputs 2A

Operating voltage UB max. DC [V]

Operating voltage UB min. DC [V]

Switching output

Transfer rate max.

Transfer rate min.

4x IO-Link

16

16

30.2 V

18 V

PNP

12 Mbit/s

9.6 kBit/s

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

70 °C

-5 °C

37.9 mm

GD-ZnAl4Cu1 (die-cast zinc)

Yes

224.0 mm

M4

2-hole screw mounting

8

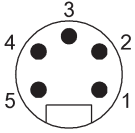
70 °C

-25 °C

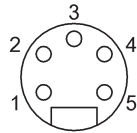
Two-row

Cu 15 μ / Ni 15 μ

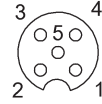
68.0 mm



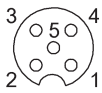
PIN 1: 0V
PIN 2: 0V
PIN 3: Function ground
PIN 4: Sensor and bus supply.
PIN 5: Actuator supply
Power In



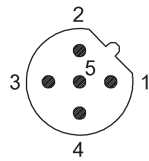
PIN 1: 0V
PIN 2: 0V
PIN 3: Function ground
PIN 4: Sensor and bus supply.
PIN 5: Actuator supply
Power Out



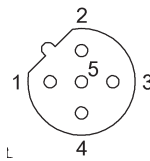
I/O Ports
PIN 1: +24V, 0.2A
PIN 2: In-/output/Diagnostics
PIN 3: 0V
PIN 4: In-/output
PIN 5: Function ground



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.



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



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