

- PROFIBUS
- Intelligent functions



General attributes

Approvals / Conformity

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

CE
CSA
UL94
BAL_0B1A.GSD
IP67 (when connected)
Yes, LED green
Yes, LED green
Yes, LED yellow
See short guide
4x plugs M12
Circlip
Ground strap
Screw M4x6
Short guide
20x labels
PROFIBUS DP per EN 50170

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

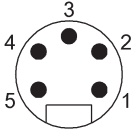
Number of auxiliary interfaces
Number of inputs
Number of outputs 2A
Operating voltage UB max. DC [V]
Operating voltage UB min. DC [V]
Switching output
Transfer rate max.
Transfer rate min.

Mechanical attributes

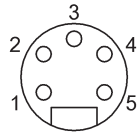
Ambient temperature Ta max.
Ambient temperature Ta min.
Height
Housing material
Housing shield
Length
Mounting ground strap
Mounting type
Number of plug-in positions
Storage temperature max.
Storage temperature min.
Style
Surface protection
Width

4x IO-Link
16
16
30.2 V
18 V
PNP
12 Mbit/s
9.6 kBit/s

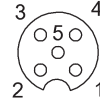
70 °C
-5 °C
37.9 mm
GD-ZnAl4Cu1 (die-cast zinc)
Yes
224.0 mm
M4
2-hole screw mounting
8
70 °C
-25 °C
Two-row
Cu 15 μ / Ni 15 μ
68.0 mm



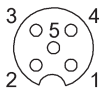
PIN 1: 0V
PIN 2: 0V
PIN 3: Function ground
PIN 4: Sensor and bus supply.
PIN 5: Actuator supply
Power In



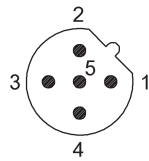
PIN 1: 0V
PIN 2: 0V
PIN 3: Function ground
PIN 4: Sensor and bus supply.
PIN 5: Actuator supply
Power Out



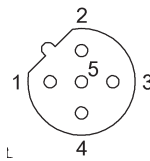
I/O Ports
PIN 1: +24V, 0.2A
PIN 2: In-/output/Diagnostics
PIN 3: 0V
PIN 4: In-/output
PIN 5: Function ground



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