

Electrical data

Eff. operating voltage Ue DC	24 V
Operating voltage DC (UB)	18 V... 30,2 V
Current sum US (Sensor)	9,0 A
Current sum UA (actuator)	9,0 A
Number of plug-in positions	8

Inputs / Outputs

Number of inputs	16
Inputs	PNP, Type 2
Number of outputs	16
Switching output	PNP
Configurable in-/outputs	Yes
Number of auxiliary interfaces	4x IO-Link

Bus interface / connection

Bus system	PROFIBUS
Transmission protocol	PROFIBUS DP per EN 50170
Address range	0-99
Data rate min.	9.6 kBit/s
Data rate max.	12 Mbit/s

LED indication / Diagnosis

Indicator sensors supply	Yes
Indicator actuators supply	Yes
Indicator switching function	Yes

Mechanical data

Enclosure Type per IEC 60529	IP67 (when connected)
Surface protection	Cu 15µ / Ni 15µ
Width	68,0 mm
Operating temperature Ta	-5 °C... 55 °C
Storage temperature	-25 °C... 75 °C
Mounting type	2-hole screw mounting
Potting material	UL V-0

Scope of Supply

- Ground strap
- Circlip
- 4x plugs M12
- Screw M4x6
- Short guide
- 20x labels

Mounting Instruction

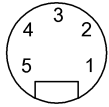
See short guide



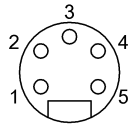
Definitions see general catalog

Subject to change without notice.

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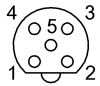
Power In
 PIN 1: 0V
 PIN 2: 0V
 PIN 3: Function ground
 PIN 4: Sensor and bus supply.
 PIN 5: Actuator supply



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



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



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



E/A Ports
 PIN 1: +24V, 200mA
 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: Function ground

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