

**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
Number of plug-in positions	8

**Inputs / Outputs**

Number of inputs	16
Inputs	PNP, Type 2
Configurable in-/outputs	No

**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**

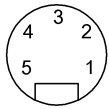
See short guide



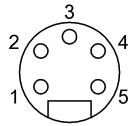
Definitions see general catalog

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 4: B-Line  
PIN 5: Shield



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



E/A Ports  
PIN 1: +24V, 200mA  
PIN 2: Input/Diagnostics  
PIN 3: 0V  
PIN 4: Input  
PIN 5: Function ground

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