

Electrical data

| | |
|--|----------------|
| Eff. operating voltage U _e 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 |

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 T _a | -5 °C... 55 °C |
| Storage temperature | -25 °C... 75 °C |
| Mounting type | 2-hole screw mounting |
| Potting material | UL V-0 |

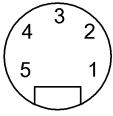
Scope of Supply

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

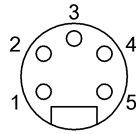
Mounting Instruction

See short guide





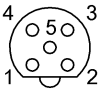
Power In
 PIN 1: 0V
 PIN 2: 0V
 PIN 3: Function ground
 PIN 4: Sensor and bus supply.
 PIN 5: Actuator supply



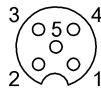
Power Out
 PIN 1: 0V
 PIN 2: 0V
 PIN 3: Function ground
 PIN 4: Sensor and bus supply.
 PIN 5: Actuator supply



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