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|---------------------------|-----------------------------|------------------------------------------------------------------------------------|
| 22260019                  | <b>DATA SHEET</b>           |  |
| Valid from:<br>17.09.2018 | <b>AB-B4-M12L-4-10,0PUR</b> |                                                                                    |

## Description

- Sensor/actuator box
- Connection methods: rapid interlock with LED master cable, markers and single-assigned slots
- slots: 4, cable length: 10 m



|                                               |                  |
|-----------------------------------------------|------------------|
| Number of slots:                              | 4                |
| Nominal voltage U : <sub>N</sub>              | 24 V DC          |
| Max. current carrying capacity per path:      | 2 A              |
| Total current:                                | 1x12 A           |
| Connection type:                              | Individual wires |
| Current carrying capacity per slot:           | 4 A              |
| Number of poles:                              | 4                |
| Degree of protection:                         | IP65/IP67/IP69K  |
| Status display:                               | LEDs             |
| Inflammability class acc. to UL 94:           | V0               |
| Contact surface material:                     | Gold-plated      |
| Material, O-ring:                             | NBR              |
| Material of the moulding mass:                | PUR              |
| Material of threaded sleeve:                  | Zinc die-cast    |
| Material of threaded sleeve surface:          | Nickel-plated    |
| Tightening torque slot sensor/actuator cable: | 0.4 Nm           |
| Tightening torque screw plug:                 | 0.4 Nm           |

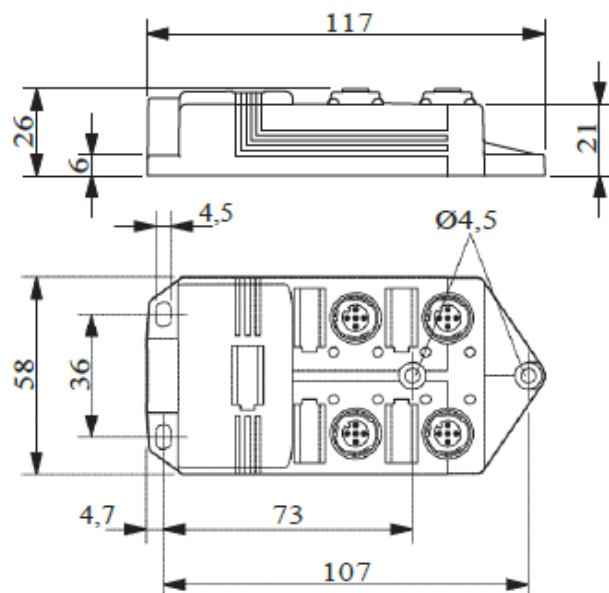
## Conductor data

|                                           |                                                  |
|-------------------------------------------|--------------------------------------------------|
| Cable types:                              | Master cable suitable for flexible cable conduit |
| Outer diameter:                           | 6.9 mm                                           |
| Conductor structure, voltage supply:      | 42x0.15 mm                                       |
| Conductor structure, signal line:         | 19x0.15 mm                                       |
| AWG power supply:                         | 18                                               |
| AWG signal line:                          | 22                                               |
| Power supply cross section:               | 3x0.75mm <sup>2</sup>                            |
| Signal line cross section:                | 4x0.34 mm <sup>2</sup>                           |
| Max. bending cycles:                      | 1500000                                          |
| Traversing path:                          | 2 m                                              |
| Traversing rate:                          | 2 m/s                                            |
| Slot/position = Wire color or connection: | 1 / 4 (A) = WH                                   |

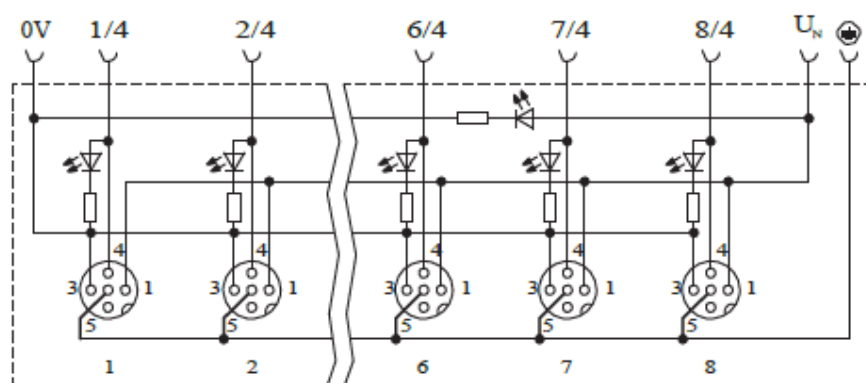
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## Technical drawing



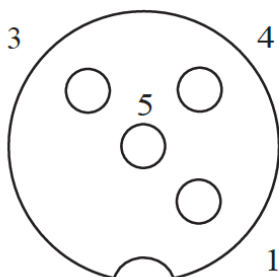
## Circuit diagram



|                                           |                                       |             |
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## Schema drawings



## Pin assignment

Slot/ position = Wire color or connection

1 / 4 (A) = WH

2 / 4 (A) = GN

3 / 4 (A) = YE

4 / 4 (A) = GY

1-4 / 1 (+ 24 V) = BN

1-4 / 3 (0 V) = BU

1-4 / 5 (PE) = GN/YE

## Application range

Automation, industrial machinery and plant engineering

## Note

Photographs are not true to scale and do not represent detailed images of the respective products.

|                                           |                                       |             |
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