



## A-K8P-M8-S-W-5M-BK-2-X-A-4

- Pre-wired cable
- 8-pole

### Data

#### Ordering data

|                               |               |
|-------------------------------|---------------|
| EAN (European Article Number) | 4030661429168 |
| eCl@ss number, Version 9.0    | 27-06-03-11   |
| eCl@ss number, Version 11.0   | 27-06-03-11   |
| ETIM number, version 6.0      | EC001855      |
| ETIM number, version 7.0      | EC001855      |

#### General data

|              |       |
|--------------|-------|
| Gross weight | 260 g |
|--------------|-------|

#### General data - Features

|                       |         |
|-----------------------|---------|
| Halogen free          | Yes (1) |
| Number of poles       | 8       |
| Number of cable wires | 8       |

#### Mechanical data

|                            |        |
|----------------------------|--------|
| Tightening torque, maximum | 0.6 Nm |
|----------------------------|--------|

### **Mechanical data - Connection technique**

|                              |                      |
|------------------------------|----------------------|
| Length of cable              | 5 m                  |
| Wire cross-section           | 0.25 mm <sup>2</sup> |
| Cable diameter               | 6 mm                 |
| Bending radius (fixed)       | 5 x Ø-cable          |
| Bending radius (repeated)    | 10 x Ø-cable         |
| Colour of the Cable mantle   | Black                |
| Material of the Cable mantle | PUR                  |

### **Mechanical data - connector side A**

|                        |                            |
|------------------------|----------------------------|
| Connector typ          | Female connector, M8       |
| Design                 | angled                     |
| Connector coding       | A                          |
| Connector latching     | Screw locking              |
| Material of the gland  | Metal, CuZn, nickel-plated |
| Material of the handle | Plastic, PUR               |
| Colour of the handle   | Black                      |

### **Ambient conditions**

|  |        |
|--|--------|
| Degree of protection                     | IP67   |
| Ambient temperature, minimum (Connector) | -25 °C |
| Ambient temperature, maximum (Connector) | +85 °C |
| Temperature (fixed), minimum             | -50 °C |
| Temperature (fixed), maximum             | +90 °C |
| Temperature (repeated), minimum          | -25 °C |
| Temperature (repeated), maximum          | +90 °C |

## Electrical data

|                         |          |
|-------------------------|----------|
| Thermal test current    | 1.5 A    |
| Rated operating voltage | 30 V     |
| Operating current       | 1,500 mA |

## Pin assignment

|       |        |
|-------|--------|
| PIN 1 | White  |
| PIN 2 | Brown  |
| PIN 3 | green  |
| PIN 4 | yellow |
| PIN 5 | Grey   |
| PIN 6 | Pink   |
| PIN 7 | Blue   |
| PIN 8 | red    |

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The details and data referred to have been carefully checked. Images may diverge from original. Further technical data can be found in the manual. Technical amendments and errors possible.

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