

**Part no.: 50110126**  
**K-DS M12A-M12A-4P-2m-PVC**  
**Interconnection cable**



Figure can vary

## Contents

- Technical data
- Electrical connection

## Technical data

### Connection

#### Connection 1

|                    |           |
|--------------------|-----------|
| Type of connection | Connector |
| Thread size        | M12       |
| Type               | Female    |
| No. of pins        | 4 -pin    |
| Encoding           | A-coded   |
| Design             | Axial     |

#### Connection 2

|                    |           |
|--------------------|-----------|
| Type of connection | Connector |
| Thread size        | M12       |
| Type               | Male      |
| No. of pins        | 4 -pin    |
| Encoding           | A-coded   |
| Design             | Axial     |

#### Cable properties

|                                   |  |
|-----------------------------------|--|
| Number of conductors              | 4 Piece(s)   |
| Wire cross section                | 0.34 mm <sup>2</sup>   |
| AWG                               | 22   |
| Sheathing color                   | Black  |
| Shielded                          | No   |
| Silicone-free                     | Yes  |
| Cable design                      | Interconnection cable  |
| Cable diameter (external)         | 5 mm   |
| Cable length                      | 2,000 mm   |
| Sheathing material                | PVC  |
| Wire insulation                   | PVC  |
| Suitability for drag chains       | No   |
| Properties of the outer sheathing | Free of CFC, cadmium, silicone and lead, easily machine-processable                                  |
| Resistance of the outer sheathing | Good oil, gasoline and chemical resistance, flame retardant in accordance with UL 1581 VW1 / CSA FT1 |

### Mechanical data

|   |                          |
|---|--------------------------|
| Bending radius, flexible laying, min.   | Min. 10 x cable diameter |
| Bending radius, stationary laying, min. | Min. 5 x cable diameter  |

### Environmental data

|  |               |
|--|---------------|
| Ambient temperature, operation, flexible use   | -5 ... 80 °C  |
| Ambient temperature, operation, stationary use | -30 ... 80 °C |

### Certifications

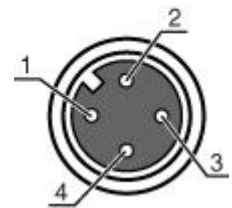
|                |         |
|----------------|---------|
| Certifications | c UL US |
|----------------|---------|

### Classification

|                       |          |
|-----------------------|----------|
| Customs tariff number | 85444290 |
| eCl@ss 8.0            | 27279218 |
| eCl@ss 9.0            | 27060311 |
| ETIM 5.0              | EC001855 |

## Electrical connection

| Connection 1       |           |
|--------------------|-----------|
| Type of connection | Connector |
| Thread size        | M12       |
| Type               | Female    |
| No. of pins        | 4 -pin    |
| Encoding           | A-coded   |
| Design             | Axial     |



| Connection 2         |           |
|----------------------|-----------|
| Type of connection   | Connector |
| Thread size          | M12       |
| Type                 | Male      |
| Handle body material |           |
| No. of pins          | 4 -pin    |
| Encoding             | A-coded   |
| Design               | Axial     |
| Lock                 |           |

