

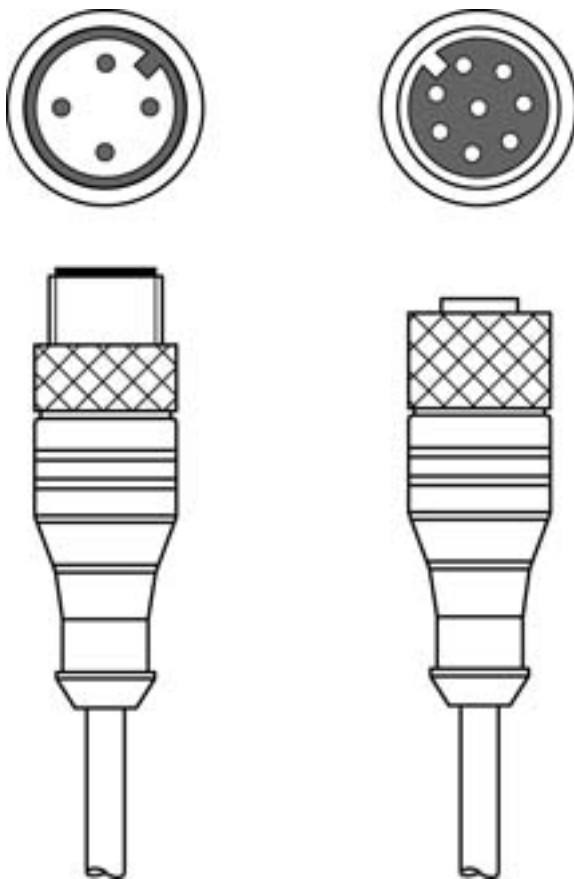
## Technical data sheet Interconnection cable

Part no.: 50121000

K-DS M12A-8P-4P-5m-L-PUR

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For illustration purposes only



## Technical data

### Basic data

|             |                             |
|-------------|-----------------------------|
| Application | Oil and lubricant resistant |
|-------------|-----------------------------|

### Connection

#### Connection 1

|                    |           |
|--------------------|-----------|
| Type of connection | Connector |
| Thread size        | M12       |
| Type               | Female    |
| No. of pins        | 8 -pin    |
| Encoding           | A-coded   |
| Version            | Axial     |
| Connector, LED     | No        |

#### Connection 2

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

#### Cable properties

|                             |                                                                                          |
|-----------------------------|------------------------------------------------------------------------------------------|
| Number of conductors        | 4 Piece(s)                                                                               |
| Sheathing color             | Black                                                                                    |
| Shielded                    | Yes                                                                                      |
| Cable design                | Interconnection cable                                                                    |
| Cable diameter (external)   | 0.34 mm                                                                                  |
| Cable length                | 5,000 mm                                                                                 |
| Sheathing material          | PUR                                                                                      |
| Suitability for drag chains | Yes                                                                                      |
| Traversal rate              | Max. 3.3 m/s with horiz. traversal path of 5m and max. acceleration of 5m/s <sup>2</sup> |

### Mechanical data

|            |       |
|------------|-------|
| Net weight | 151 g |
|------------|-------|

### Operation and display

#### Classification

|                       |          |
|-----------------------|----------|
| Customs tariff number | 85444290 |
| ECLASS 5.1.4          | 27279201 |
| ECLASS 8.0            | 27279218 |
| ECLASS 9.0            | 27060311 |
| ECLASS 10.0           | 27060311 |
| ECLASS 11.0           | 27060311 |
| ECLASS 12.0           | 27060311 |
| ECLASS 13.0           | 27060311 |
| ECLASS 14.0           | 27060311 |
| ECLASS 15.0           | 27060311 |
| ECLASS 16.0           | 27060311 |
| ETIM 5.0              | EC001855 |
| ETIM 6.0              | EC001855 |
| ETIM 7.0              | EC001855 |
| ETIM 8.0              | EC001855 |
| ETIM 9.0              | EC001855 |
| ETIM 10.0             | EC001855 |

## Electrical connection

### Connection 1

|                    |           |
|--------------------|-----------|
| Type of connection | Connector |
| Thread size        | M12       |
| Type               | Female    |
| No. of pins        | 8 -pin    |
| Encoding           | A-coded   |
| Version            | Axial     |
| Connector, LED     | No        |

### Connection 2

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

Circuit diagrams

