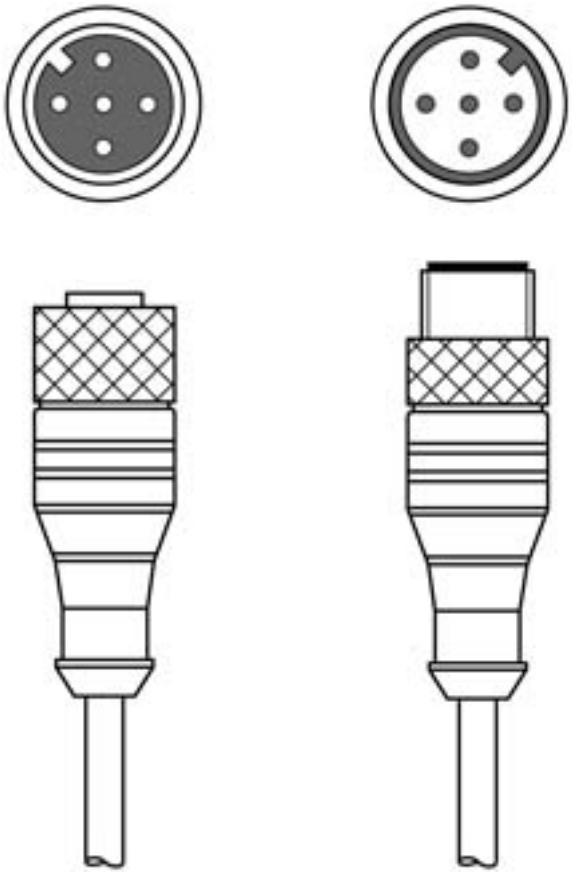
# Technical data sheet
# Interconnection cable
Part no.: 50155180
KDS 05 U-M12-5A-M12-5A-V1-100



For Illustration purposes only

**Contents**


- Technical data
- Electrical connection
- Circuit diagrams
- Accessories


IP 67 IP 65 cULus LISTED

# Technical data

## Basic data

| | |
|---|---|
| **Application** | Chemical resistant |

## Connection

### Connection 1

| | |
|---|---|
| **Type of connection** | Connector |
| **Thread size** | M12 |
| **Type** | Female |
| **No. of pins** | 5 -pin |
| **Encoding** | A-coded |
| **Version** | Axial |
| **Connector, LED** | No |

### Connection 2

| | |
|---|---|
| **Type of connection** | Connector |
| **Thread size** | M12 |
| **Type** | Male |
| **No. of pins** | 5 -pin |
| **Encoding** | A-coded |
| **Version** | Axial |

### Cable properties

| | |
|---|---|
| **Number of conductors** | 5 Piece(s) |
| **Wire cross section** | 0.34 mm² |
| **Sheathing color** | Black |
| **Shielded** | No |
| **Silicone-free** | Yes |
| **Cable design** | Interconnection cable |
| **Cable diameter (external)** | 5 mm |
| **Cable length** | 10,000 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

| | |
|---|---|
| **Width across flats** | 13 mm |
| **Net weight** | 386 g |

## Operation and display

## Certifications

| | |
|---|---|
| **Degree of protection** | IP 65 |
| | IP 67 |
| **Approvals** | c UL US |

## 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 |
| **UNSPSC 26.08** | 26121604 |

# Electrical connection

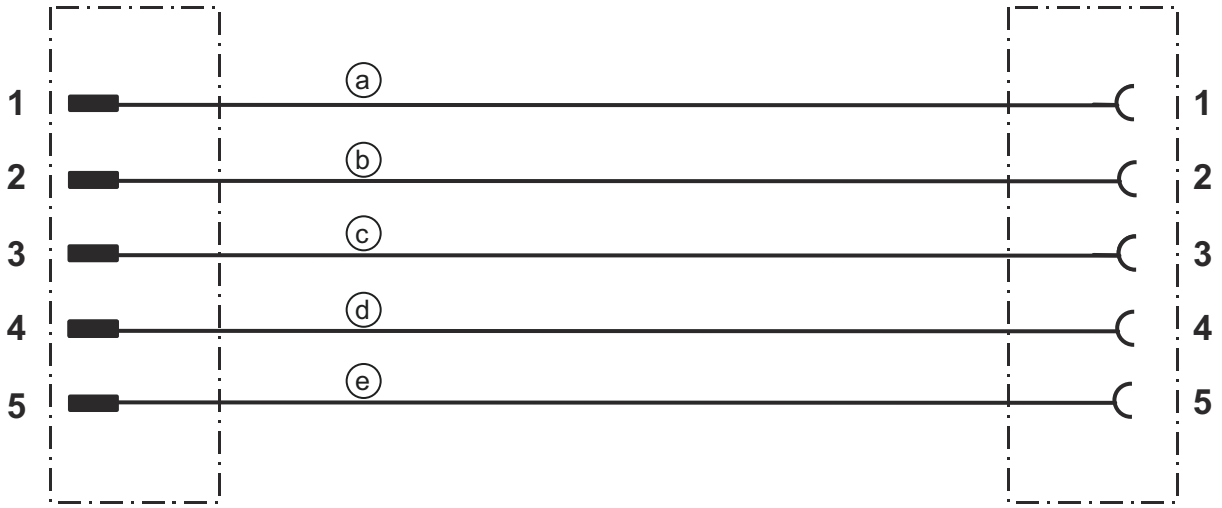
## Connection 1

| | |
|---|---|
| **Type of connection** | Connector |
| **Thread size** | M12 |
| **Type** | Female |
| **No. of pins** | 5 -pin |
| **Encoding** | A-coded |
| **Version** | Axial |
| **Connector, LED** | No |

## Connection 2

| | |
|---|---|
| **Type of connection** | Connector |
| **Thread size** | M12 |
| **Type** | Male |
| **No. of pins** | 5 -pin |
| **Encoding** | A-coded |
| **Version** | Axial |

# Circuit diagrams




# Accessories

## General

| | Part no. | Designation | Article | Description |
|---|---|---|---|---|
|  | 50132266 | TT-Set 0,6-13 | Tool | Type: Torque key<br>Width across flats: 13 mm<br>Torque: 0.6 N·m<br>Material: Plastic, Stainless steel<br>Ambient temperature: -40 ... 120 °C |

**Note**

A list with all available accessories can be found on the Leuze website in the Download tab of the article detailed page.