



Part no.: 50130870
KD U-M8-4W-V1-030
Connection cable

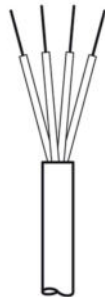
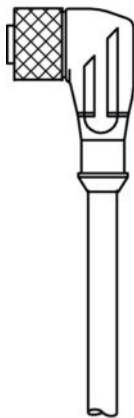


Figure can vary

Contents

- Technical data
- Electrical connection
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Part no.: 50130870 – KD U-M8-4W-V1-030 – Connection cable

Technical data

Electrical data

Performance data

| | |
|-------------------|-------------------|
| Operating voltage | 50 V AC / 60 V DC |
|-------------------|-------------------|

Connection

Connection 1

| | |
|----------------------|--|
| Type of connection | Connector |
| Thread size | M8 |
| Type | Female |
| Handle body material | PUR |
| No. of pins | 4 -pin |
| Design | Angled |
| Lock | Screw fitting, nickel-plated diecast zinc, recommended torque 0.6 Nm, self-locking |

Connection 2

| | |
|--------------------|----------|
| Type of connection | Open end |
|--------------------|----------|

Cable properties

| | |
|-----------------------------------|--|
| Number of conductors | 4 Piece(s) |
| Wire cross section | 0.25 mm ² |
| AWG | 24 |
| Sheathing color | Black |
| Shielded | No |
| Silicone-free | Yes |
| Cable design | Connection cable (open on one end) |
| Cable diameter (external) | 4.7 mm |
| Cable length | 3,000 mm |
| Sheathing material | PVC |
| Wire insulation | PVC |
| 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 | 9 mm |
| 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

| | |
|----------------------|----------------|
| Degree of protection | IP 67 IP 65 |
| Certifications | c UL US |
| UL file number | E366145 |

Classification

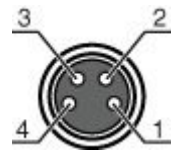
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| | |
|------------|----------|
| eCl@ss 8.0 | 27279218 |
| eCl@ss 9.0 | 27060311 |
| ETIM 5.0 | EC001855 |

Electrical connection

| Connection 1 | |
|----------------------|--|
| Type of connection | Connector |
| Thread size | M8 |
| Type | Female |
| Handle body material | PUR |
| No. of pins | 4 -pin |
| Encoding | |
| Design | Angled |
| Lock | Screw fitting, nickel-plated diecast zinc, recommended torque 0.6 Nm, self-locking |


| Pin | Conductor color |
|-----|-----------------|
| 1 | Brown |
| 2 | White |
| 3 | Blue |
| 4 | Black |



| Connection 2 | |
|--------------------|----------|
| Type of connection | Open end |

Accessories

General

| | Part no. | Designation | Article | Description |
|---|----------|--------------|---------|--|
|  | 50132265 | TT-Set 0,4-9 | Tool | Type: Torque key Width across flats: 9 mm Torque: 0.4 N·m Material: Plastic, Stainless steel Ambient temperature: -40 ... 120 °C |