



Part no.: 50132079
KD U-M12-5A-V1-050
Connection cable



Figure can vary

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Part no.: 50132079 – KD U-M12-5A-V1-050 – Connection cable

Technical data

Basic data

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

Electrical data

Performance data

| | |
|-------------------|------------------|
| Operating voltage | Max. 125 V AC/DC |
|-------------------|------------------|

Connection

Connection 1

| | |
|----------------------|--|
| Type of connection | Connector |
| Thread size | M12 |
| Type | Female |
| Handle body material | PUR |
| No. of pins | 5 -pin |
| Encoding | A-coded |
| Design | Axial |
| 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 | 5 Piece(s) |
| Wire cross section | 0.34 mm ² |
| AWG | 22 |
| Sheathing color | Black |
| Shielded | No |
| Silicone-free | Yes |
| Cable design | Connection cable (open on one end) |
| Cable diameter (external) | 5.9 mm |
| Cable length | 5,000 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 | 13 mm |
| Bending cycles | 2,000,000 Piece(s) |
| 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 ... 70 °C |
| Ambient temperature, operation, stationary use | -30 ... 70 °C |

Certifications

Part no.: 50132079 – KD U-M12-5A-V1-050 – Connection cable

Degree of protection

IP 65
IP 67

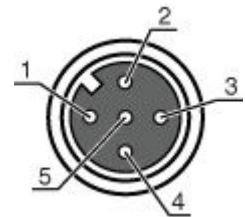
Classification

| | |
|------------|----------|
| 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 |
| Handle body material | PUR |
| No. of pins | 5 -pin |
| Encoding | A-coded |
| Design | Axial |
| 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 |
| 5 | Gray |



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

Accessories

General

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