



Part no.: 50136637
KD U-M23-JA-P1-200
Connection cable

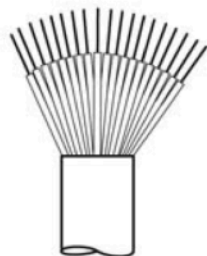


Figure can vary



Contents

- Technical data
- Electrical connection

Part no.: 50136637 – KD U-M23-JA-P1-200 – Connection cable

Technical data

Electrical data

Performance data

| | |
|-------------------|------------------|
| Operating voltage | Max. 120 V AC/DC |
|-------------------|------------------|

Connection

Connection 1

| | |
|----------------------|--|
| Type of connection | Connector |
| Thread size | M23 |
| Type | Female |
| Handle body material | TPU |
| No. of pins | 19 -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 | 19 Piece(s) |
| Wire cross section | 0.5 mm ² |
| Wire cross section | 16 x 0.5 mm ² 3 x 1 mm ² |
| AWG | 21 |
| Sheathing color | Black |
| Shielded | No |
| Silicone-free | Yes |
| Cable design | Connection cable (open on one end) |
| Cable diameter (external) | 11.6 mm |
| Cable length | 20,000 mm |
| Sheathing material | PUR |
| Wire insulation | PP |
| Properties of the outer sheathing | Free of silicone and halogen, matt, low-adhesion, abrasion-resistant, easily machine-processable |
| Resistance of the outer sheathing | Hydrolysis and microbe resistant, good oil and chemical resistance, flame retardant in accordance with IEC 60332-2, VDE 0482-265-2-2, EN 50265-2-2, FT2 |

Mechanical data

| | |
|---|--------------------------|
| 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 | -25 ... 80 °C |
| Ambient temperature, operation, stationary use | -50 ... 80 °C |

Certifications

| | |
|----------------------|----------------|
| Degree of protection | IP 65 IP 67 |
|----------------------|----------------|

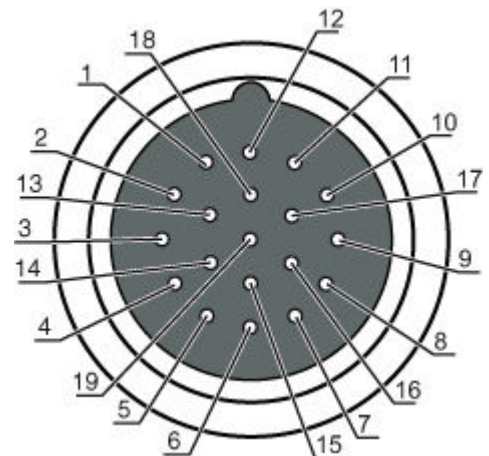
Classification

| | |
|-----------------------|----------|
| Customs tariff number | 85444290 |
| eCl@ss 8.0 | 27279218 |
| eCl@ss 9.0 | 27060311 |
| ETIM 5.0 | EC001855 |
| ETIM 6.0 | EC001855 |

Electrical connection

| Connection 1 | |
|----------------------|--|
| Type of connection | Connector |
| Thread size | M23 |
| Type | Female |
| Handle body material | TPU |
| No. of pins | 19 -pin |
| Encoding | A-coded |
| Design | Axial |
| Lock | Screw fitting, nickel-plated diecast zinc, recommended torque 0.6 Nm, self-locking |

| Pin | Conductor color |
|-----|-----------------|
| 1 | Violet |
| 2 | Red |
| 3 | Gray |
| 4 | Blue Red |
| 5 | Green |
| 6 | Blue |
| 7 | Gray Pink |
| 8 | Green White |
| 9 | White Yellow |
| 10 | Gray White |
| 11 | Black |
| 12 | Green Yellow |
| 13 | Brown Yellow |
| 14 | Brown Green |
| 15 | White |
| 16 | Yellow |
| 17 | Pink |
| 18 | Brown Gray |
| 19 | Brown |



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