



Part no.: 678053
CB-M12-25000E-5GM
Connection cable

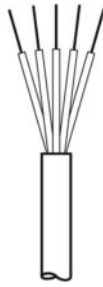


Figure can vary

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Part no.: 678053 – CB-M12-25000E-5GM – Connection cable

Technical data

| Electrical data | |
|--|---|
| Insulation grade | Category 2 |
| Insulation grade | IEC 60644-1 |
| Performance data | |
| Operating voltage | Max. 60 V AC/DC |
| Connection | |
| Connection 1 | |
| Type of connection | Connector |
| Thread size | M12 |
| Type | Male |
| Handle body material | PUR |
| No. of pins | 5 -pin |
| Encoding | A-coded |
| Design | Axial |
| Operating current per contact | 4 A |
| 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 | Yes |
| Silicone-free | Yes |
| Cable design | Connection cable (open on one end) |
| Cable diameter (external) | 6.3 mm |
| Cable length | 25,000 mm |
| Sheathing material | PUR |
| Wire insulation | PP |
| Properties of the outer sheathing | Free of CFC, cadmium, silicone, halogen and lead, matt, low-adhesion, abrasion-resistant, easily machine-processable |
| Resistance of the outer sheathing | Hydrolysis and microbe resistant, good oil, gasoline and chemical resistance in accordance with VDE 0472 part 803 test B, flame retardant in accordance with UL 1581 VW1 / CSA FT1 / IEC 60332-1, IEC 60332-2-2 |
| Mechanical data | |
| Width across flats | 13 mm |
| Bending radius, flexible laying, min. | Min. 15 x cable diameter |
| Bending radius, stationary laying, min. | Min. 10 x cable diameter |
| Environmental data | |
| Ambient temperature, operation, flexible use | -25 ... 80 °C |
| Ambient temperature, operation, stationary use | -50 ... 80 °C |
| Certifications | |

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| | |
|----------------|---------------|
| Certifications | c UL US UL |
| UL file number | E366145 |

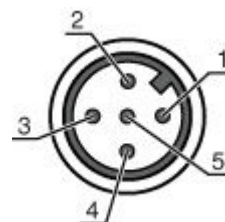
Classification

| | |
|------------|----------|
| 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 | Male |
| Handle body material | PUR |
| No. of pins | 5 -pin |
| Encoding | A-coded |
| Design | Axial |
| Operating current per contact | 4 A |
| 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 |