

Basic features

| | |
|---------------------|---------------------|
| Approval/Conformity | CE cULus WEEE |
|---------------------|---------------------|

Electrical connection

| | |
|-------------------------------------|---|
| Bending radius min., fixed cable | 5 x D |
| Bending radius min., flexible cable | 15 x D |
| Cable | PUR Shielded black, 50 m, drag chain compatible |
| Cable diameter D | 6.70 mm ±0.30 mm |
| Conductor cross-section | 0.25 mm ² |
| Connection | M16x0.75-Female, angled, 8-pin |
| Connector configuration | right-angle |
| Number of conductors | 8 |
| Number of pins | 8 |
| System | assembled |

Electrical data

| | |
|------------------------|------------------|
| Conductor construction | 4x2 twisted-pair |
| Operating voltage Ub | 60 VDC / 60 VAC |
| Rated current (40 °C) | 5.0 A |
| Stranding | pairs |

Environmental conditions

| | |
|---|-------------|
| Cable temperature UL max., fixed routing | 80 °C |
| Cable temperature UL max., flexible routing | 80 °C |
| Cable temperature, drag chain | -5...60 °C |
| Cable temperature, fixed routing | -40...90 °C |
| Cable temperature, flexible routing | -5...90 °C |
| IP rating | IP67, IP69K |

Material

| | |
|-----------------------------|--------------------------|
| Cable jacket material, note | Shielded |
| Cable jacket, material | PUR |
| Cable shield | Copper braid, tin-plated |
| Material contact carrier | PA |
| Material contacts | Brass |
| Material cover nut | Stainless steel |
| Material grip | PUR |

Mechanical data

| | |
|---|-----------------------|
| Acceleration max., drag chain | 5 m/s ² |
| Cable jacket, color | black |
| Cable length L | 50.00 m |
| Cable properties | drag chain compatible |
| Horizontal travel permitted, drag chain | 10 m |
| Tightening torque pigtail | 0.6 Nm |
| Traverse speed max., drag chain | 4.5 m/s |

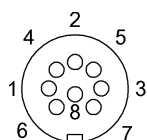
Single-Ended Cordsets
BCC S528-0000-1Y-133-PS0825-500
Order Code: **BCC0L2J**



Remarks

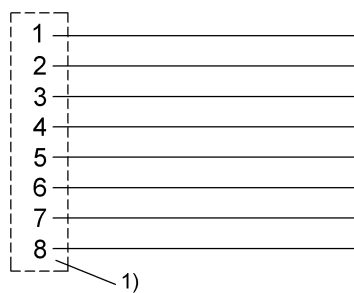
Cable construction acc. to UL-AWM Style 20549
Halogen-free per DIN VDE 0472 Part 815
Flame resistance acc. to IEC 60332-1
Flame resistance per UL FT2
Oil resistant per DIN VDE 0472 Part 803
Tin plated copper braiding, optical coverage min. 85%
Enclosure rating per IEC 60529, only in screwed state with the associated mating piece.
360° shield through knurled ring

Connector Drawings



- PIN 1: yellow
- PIN 2: gray
- PIN 3: pink
- PIN 4: red
- PIN 5: green
- PIN 6: blue
- PIN 7: brown
- PIN 8: white

Wiring Diagrams



1) Shield on cover nut