

**Basic features**

|                            |                               |
|----------------------------|-------------------------------|
| <b>Approval/Conformity</b> | CE<br>cULus<br>Ecolab<br>WEEE |
| <b>Base type deviation</b> | C002: gray handle body        |

**Electrical connection**

|  |  |
|--|--|
| <b>Bending radius min., fixed cable</b>    | 5 x D                                  |
| <b>Bending radius min., flexible cable</b> | 10 x D                                 |
| <b>Cable</b>                               | PUR gray, 25 m, drag chain compatible  |
| <b>Cable diameter D</b>                    | 4.70 mm ±0.20 mm                       |
| <b>Cable, bending cycles min.</b>          | 2 mil.                                 |
| <b>Conductor cross-section</b>             | 0.34 mm <sup>2</sup>                   |
| <b>Connection 1</b>                        | M12x1-Female, straight, 5-pin, A-coded |
| <b>Connection 2</b>                        | M12x1-Male, straight, 4-pin, A-coded   |
| <b>Number of conductors</b>                | 4                                      |
| <b>System</b>                              | Molded/Molded                          |

**Electrical data**

|  |                   |
|--|-------------------|
| <b>Operating voltage U<sub>b</sub></b> | 250 VDC / 250 VAC |
| <b>Rated current (40 °C)</b>           | 4.0 A             |

**Environmental conditions**

|  |                                     |
|--|-------------------------------------|
| <b>Cable temperature UL max., fixed routing</b>    | 80 °C                               |
| <b>Cable temperature UL max., flexible routing</b> | 80 °C                               |
| <b>Cable temperature, drag chain</b>               | -25...60 °C                         |
| <b>Cable temperature, fixed routing</b>            | -50...90 °C                         |
| <b>Cable temperature, flexible routing</b>         | -25...90 °C                         |
| <b>IP rating</b>                                   | IP67, IP68, IP69K/IP67, IP68, IP69K |

**Interface**

|                         |               |
|-------------------------|---------------|
| <b>Switching output</b> | Complementary |
|-------------------------|---------------|

**Material**

|                                 |   |
|---------------------------------|---|
| <b>Cable jacket, material</b>   | PUR   |
| <b>Material contact carrier</b> | PUR/PUR                                       |
| <b>Material contacts</b>        | Bronze/Brass                                  |
| <b>Material cover nut</b>       | 1.4404 stainless steel/1.4404 stainless steel |
| <b>Material grip</b>            | PUR/PUR                                       |

Double-Ended Cordsets  
**BCC S415-S414-3A-304-PX8434-250-C002**  
**Order Code: BCC0HWK**



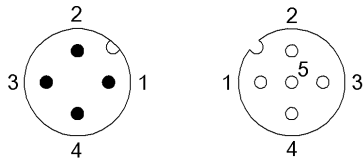
**Mechanical data**

|  |   |
|--|---|
| <p>Acceleration max., drag chain      5 m/s<sup>2</sup></p> <p>Cable jacket, color                      gray</p> <p>Cable length L                              25.00 m</p> <p>Cable properties                            drag chain compatible</p> | <p>Horizontal travel permitted, drag chain      5 m</p> <p>Tightening torque pigtail                      0.6 Nm/0.6 Nm</p> <p>Traverse speed max., drag chain              200 m/min</p> <p>Vertical travel permitted, drag chain        2 m</p> |
|--|---|

**Remarks**

Cable construction acc. to UL-AWM Style 20549  
 Halogen-free per DIN VDE 0472 Part 815  
 Silicone-free  
 Flame resistance per IEC 60332-2-2  
 Enclosure rating per IEC 60529 or 20653, only in screwed state with the associated mating piece.

**Connector Drawings**



- |   |   |
|---|---|
| <p><b>II</b></p> <p>PIN 1: brown</p> <p>PIN 2: white</p> <p>PIN 3: blue</p> <p>PIN 4: black</p> | <p><b>I</b></p> <p>PIN 1: brown</p> <p>PIN 2: white</p> <p>PIN 3: blue</p> <p>PIN 4: black</p> <p>PIN 5: not used</p> |
|---|---|

**Wiring Diagrams**

