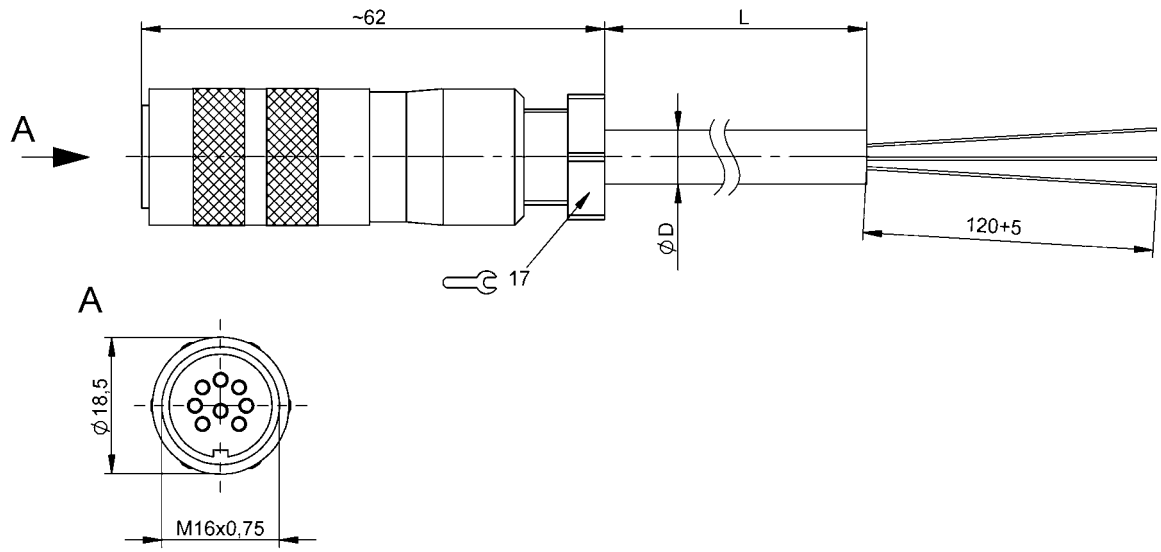


Single-Ended Cordsets  
BKS-S 32M-20  
Order Code: BCC00U4



Basic features

|                     |                    |
|---------------------|--------------------|
| Approval/Conformity | CE<br>UKCA<br>WEEE |
|---------------------|--------------------|

Electrical connection

|                                     |                                                 |
|-------------------------------------|-------------------------------------------------|
| Bending radius min., fixed cable    | 5 x D                                           |
| Bending radius min., flexible cable | 15 x D                                          |
| Cable                               | PUR Shielded black, 20 m, drag chain compatible |
| Cable diameter D                    | 6.70 mm ±0.30 mm                                |
| Conductor cross-section             | 0.25 mm <sup>2</sup>                            |
| Connection                          | M16x0.75-Female, straight, 8-pin                |
| Connector configuration             | Straight                                        |
| Number of conductors                | 8                                               |
| Number of pins                      | 8                                               |
| System                              | assembled                                       |

Electrical data

|                                  |                  |
|----------------------------------|------------------|
| Conductor construction           | 4x2 twisted-pair |
| Operating voltage U <sub>b</sub> | 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        |

Material

|                             |                          |
|-----------------------------|--------------------------|
| Cable jacket material, note | Shielded                 |
| Cable jacket, material      | PUR                      |
| Cable shield                | Copper braid, tin-plated |
| Material contact carrier    | PBT                      |
| Material contacts           | Bronze                   |
| Material cover nut          | Brass                    |
| Material grip               | Die-cast zinc            |

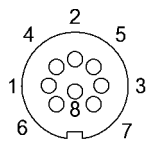
Mechanical data

|                                         |                       |
|-----------------------------------------|-----------------------|
| Acceleration max., drag chain           | 5 m/s <sup>2</sup>    |
| Cable jacket, color                     | black                 |
| Cable length L                          | 20.00 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               |

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.

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

