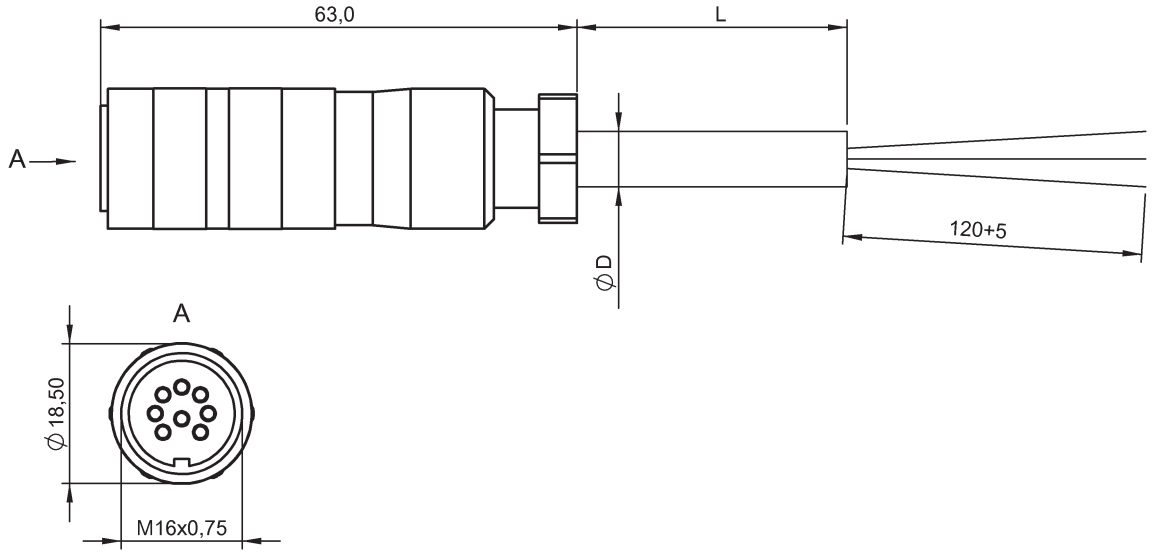
**BKS-S 32M-02**
**BCC00TU**

BALLUFF
*sensors worldwide*




- **Female M16**
- **straight**

**General attributes**

| | |
|---|---|
| Cable jacket color | black |
| Enclosure Type per IEC 60529 | IP67 |

**Electrical attributes**

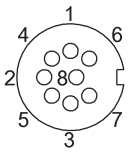
| | |
|---|---|
| Operating voltage UB max. AC [V] | 60.0 V |
| Rated current (40°C) | 5.0 A |

**Mechanical attributes**

| | |
|---|---|
| Ambient temp. max. (fixed) | 90 °C |
| Ambient temp. max. (moving) | 90 °C |
| Ambient temp. max.(drag chain) | 60 °C |
| Ambient temp. min. (fixed) | -40 °C |
| Ambient temp. min. (moving) | -5 °C |
| Ambient temp. min.(drag chain) | -5 °C |
| Bending radius fixed cable | min. 10 x D |
| Bending radius tensioned cable | min. 15 x D |
| Cable diameter D | 6.7 +/- 0.30 mm |
| Cable jacket material | PUR |
| Cable length L [m] | 2.00 m |

| | |
|---|---|
| Conductor cross-section | 0.25 mm² |
| Connector configuration | straight |
| Connector type | M16 |
| Connector type (Header I) | Female M16 |
| Contact material | CuSn |
| Cover nut material | CuZn |
| Drag chain compatible | Yes |
| Grip material | Zinc diecasting (GD-Zn) |
| Number of conductors | 8 |
| Number of female/male pins | 8 |
| System | assembled |
| Traverse speed max(drag chain) | 4.5 m/s |

**Additional text**
Enclosure type accord. to IEC 60529, when threaded together with theappropriate counterpart.
Flame-resistant per IEC 60332-1
Halogen-free
Cable structure according to UL-AWM Style 20549




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