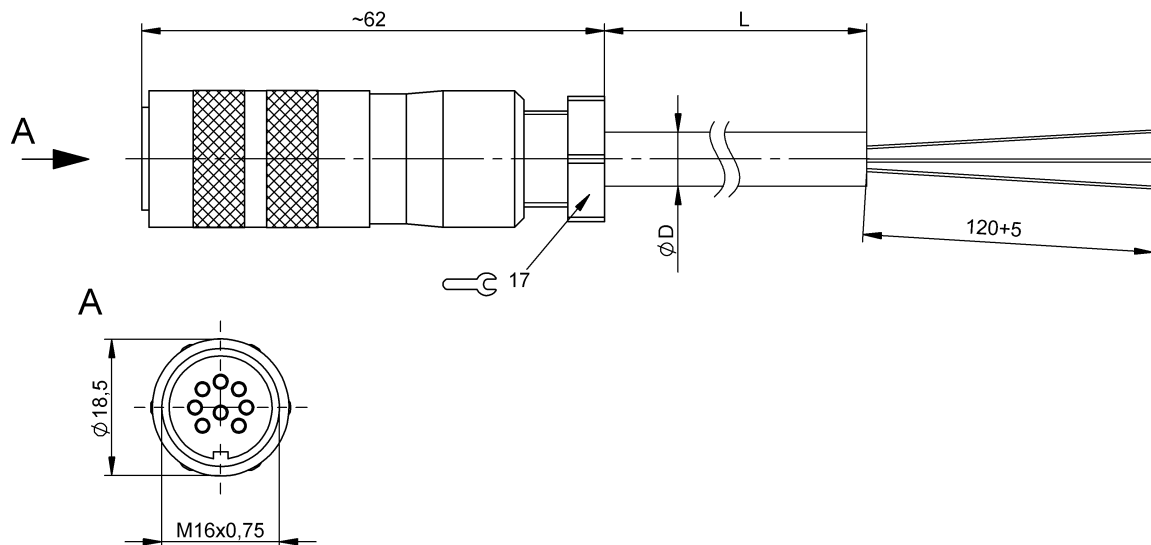




## Electrical connection

|                                     |                                                   |
|-------------------------------------|---------------------------------------------------|
| Bending radius min., fixed cable    | 5 x D                                             |
| Bending radius min., flexible cable | 10 x D                                            |
| Cable                               | PUR Shielded black, 3.00 m, Drag chain compatible |
| Cable diameter D                    | 6.00 mm ±0.15 mm                                  |
| Cable, bending cycles min.          | 2 million                                         |
| 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            |

## Environmental conditions

|                                     |             |
|-------------------------------------|-------------|
| Cable temperature, drag chain       | -25...60 °C |
| Cable temperature, fixed routing    | -50...80 °C |
| Cable temperature, flexible routing | -25...80 °C |
| IP rating                           | IP67        |

## Remarks

Cable construction acc. to UL-AWM Style 20549  
Halogen-free per DIN VDE 0472 Part 815  
Silicone-free  
Flame resistance per UL FT2  
Enclosure rating per IEC 60529, only in screwed state with the associated mating piece.

## General data

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

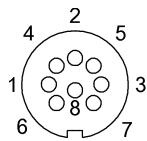
## Material

|                             |               |
|-----------------------------|---------------|
| Cable jacket material, note | Shielded      |
| Cable jacket, material      | PUR           |
| 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                          | 3.00 m                |
| Cable properties                        | Drag chain compatible |
| Horizontal travel permitted, drag chain | 5 m                   |
| Tightening torque pigtail               | 0.6 Nm                |
| Traverse speed max., drag chain         | 200 m/min             |
| Vertical travel permitted, drag chain   | 2 m                   |

**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 \_\_\_\_\_
- 2 \_\_\_\_\_
- 3 \_\_\_\_\_
- 4 \_\_\_\_\_
- 5 \_\_\_\_\_
- 6 \_\_\_\_\_
- 7 \_\_\_\_\_
- 8 \_\_\_\_\_