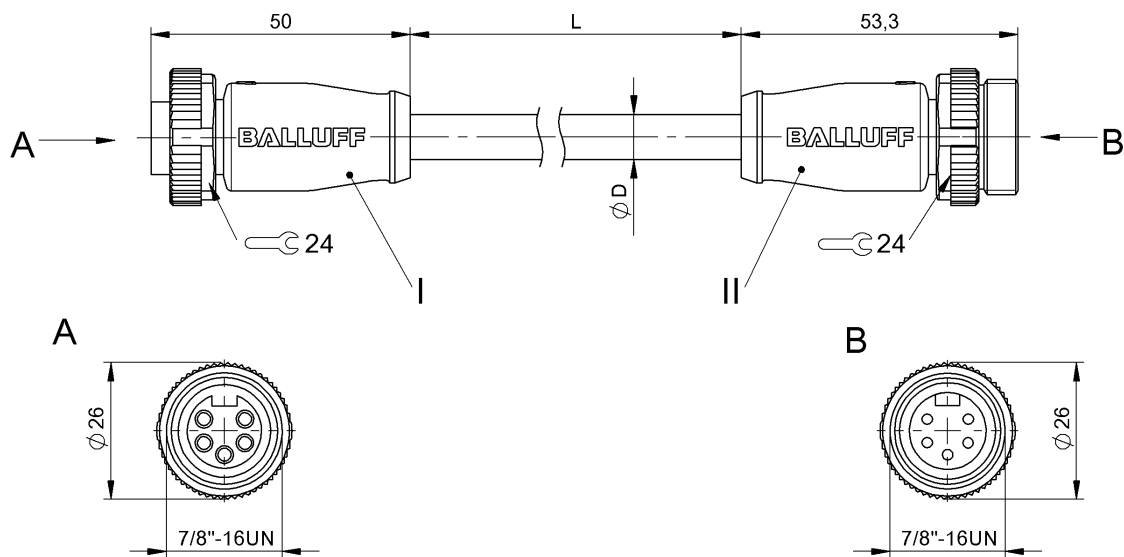




Basic features

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

Electrical connection

|                                     |                                        |
|-------------------------------------|----------------------------------------|
| Bending radius min., fixed cable    | 7.5 x D                                |
| Bending radius min., flexible cable | 10 x D                                 |
| Cable                               | PUR Orange, 5 m, drag chain compatible |
| Cable diameter D                    | 8.00 mm ±0.20 mm                       |
| Conductor cross-section             | 1.0 mm <sup>2</sup>                    |
| Connection 1                        | 7/8"-Female, straight, 5-pin           |
| Connection 2                        | 7/8"-Male, straight, 5-pin             |
| Number of conductors                | 5                                      |
| System                              | Molded/Molded                          |

Electrical data

|                                  |                   |
|----------------------------------|-------------------|
| Cable rated voltage AC max.      | 600 V             |
| Cable rated voltage DC max.      | 600 V             |
| Operating voltage U <sub>b</sub> | 300 VDC / 300 VAC |
| Rated current (40 °C)            | 9.0 A             |

Environmental conditions

|                                     |                       |
|-------------------------------------|-----------------------|
| Cable temperature, drag chain       | -30...60 °C           |
| Cable temperature, fixed routing    | -50...80 °C           |
| Cable temperature, flexible routing | -20...80 °C           |
| IP rating                           | IP67, IP68/IP67, IP68 |

Interface

|                  |               |
|------------------|---------------|
| Switching output | Complementary |
|------------------|---------------|

Material

|                          |                             |
|--------------------------|-----------------------------|
| Cable jacket, material   | PUR                         |
| Material contact carrier | PUR/PUR                     |
| Material contacts        | Brass/Brass                 |
| Material cover nut       | Die-cast zinc/Die-cast zinc |
| Material grip            | PUR/PUR                     |

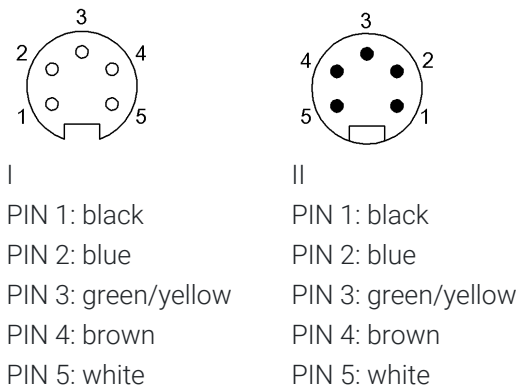
Mechanical data

|                                         |                       |
|-----------------------------------------|-----------------------|
| Acceleration max., drag chain           | 5 m/s <sup>2</sup>    |
| Cable jacket, color                     | Orange                |
| Cable length L                          | 5.00 m                |
| Cable properties                        | drag chain compatible |
| Horizontal travel permitted, drag chain | 20 m                  |
| Tightening torque pigtail               | 1.5 Nm/1.5 Nm         |
| Traverse speed max., drag chain         | 300 m/min             |

Remarks

Cable construction acc. to UL-AWM Style 21223  
Halogen-free acc. to IEC 60754-1  
Silicone-free  
UV resistant  
Oil-resistant  
Enclosure rating per IEC 60529, only in screwed state with the associated mating piece.

Connector Drawings



Wiring Diagrams

