

1) from cable drum

**Electrical connection**

|                                     |                                         |
|-------------------------------------|-----------------------------------------|
| Bending radius min., fixed cable    | 5 x D                                   |
| Bending radius min., flexible cable | 10 x D                                  |
| Cable                               | PUR black, 100 m, drag chain compatible |
| Cable diameter D                    | 4.70 mm ±0.20 mm                        |
| Cable, bending cycles min.          | 2 mil.                                  |
| Conductor cross-section             | 0.34 mm <sup>2</sup>                    |
| Number of conductors                | 4                                       |

**Environmental conditions**

|                                             |             |
|---------------------------------------------|-------------|
| Cable temperature UL max., fixed routing    | 80 °C       |
| Cable temperature UL max., flexible routing | 80 °C       |
| Cable temperature, drag chain               | -25...60 °C |
| Cable temperature, fixed routing            | -50...90 °C |
| Cable temperature, flexible routing         | -25...90 °C |

**Material**

|                        |     |
|------------------------|-----|
| Cable jacket, material | PUR |
|------------------------|-----|

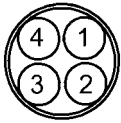
**Mechanical data**

|                                         |                           |
|-----------------------------------------|---------------------------|
| Acceleration max., drag chain           | 5 m/s <sup>2</sup>        |
| Cable jacket, color                     | black                     |
| Cable length L                          | 100.00 m                  |
| Cable properties                        | drag chain compatible     |
| Horizontal travel permitted, drag chain | 5 m at 5 m/s <sup>2</sup> |
| Traverse speed max., drag chain         | 200 m/min                 |
| Vertical travel permitted, drag chain   | 2 m at 5 m/s <sup>2</sup> |

**Remarks**

Cable construction acc. to UL-AWM Style 21198  
Halogen-free per DIN VDE 0472 Part 815  
Flame resistance acc. to IEC 332-2

## Connector Drawings



Conductor diagram

Conductor 1: brown

Conductor 2: white

Conductor 3: blue

Conductor 4: black