

## Connecting cable with socket

ADOAH032ZDB0010E03



## Application

|                    |                                                                  |
|--------------------|------------------------------------------------------------------|
| Special feature    | Free from silicone; Gold-plated contacts; Drag chain suitability |
| Free from silicone | yes                                                              |

## Electrical data

|                         |     |            |
|-------------------------|-----|------------|
| Operating voltage       | [V] | 10...36 DC |
| Protection class        |     | II         |
| Max. current load total | [A] | 4          |

## Outputs

|                   |     |
|-------------------|-----|
| Electrical design | PNP |
|-------------------|-----|

## Operating conditions

|                              |      |              |
|------------------------------|------|--------------|
| Ambient temperature          | [°C] | -25...70     |
| Ambient temperature (moving) | [°C] | 5...70       |
| Protection                   |      | IP 65; IP 67 |

## Mechanical data

|                        |      |                                              |
|------------------------|------|----------------------------------------------|
| Weight                 | [g]  | 327.2                                        |
| Dimensions             | [mm] | 26.5 x 15.5 x 36.5                           |
| Materials              |      | housing: TPU black transparent; Sealing: FKM |
| Material nut           |      | brass, nickel-plated                         |
| Drag chain suitability |      | yes                                          |



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|                        |                                 |                                                                                                |
|------------------------|---------------------------------|------------------------------------------------------------------------------------------------|
| Drag chain suitability | bending radius for flexible use | min. 10 x cable diameter                                                                       |
|                        | travel speed                    | max. 3.3 m/s for a horizontal travel length of 5 m and max. acceleration of 5 m/s <sup>2</sup> |
|                        | bending cycles                  | 1 Mio.                                                                                         |
|                        | torsional strain                | ± 180 °/m                                                                                      |

### Displays / operating elements

|         |                  |                 |
|---------|------------------|-----------------|
| Display | switching status | 1 x LED, yellow |
|         | operation        | 1 x LED, green  |

### Remarks

|               |        |
|---------------|--------|
| Pack quantity | 1 pcs. |
|---------------|--------|

### Electrical connection

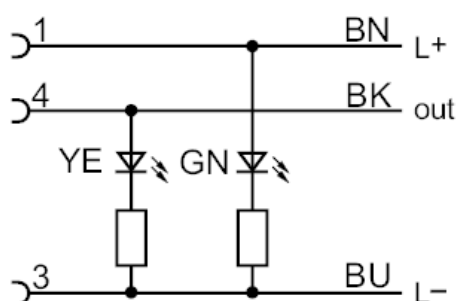
Cable: 10 m, PVC, black, Ø 4.5 mm; 3 x 0.25 mm<sup>2</sup> (14 x Ø 0.15 mm )

### Electrical connection - socket

Connector: 1 x M12, angled; coding: A; Locking: brass, nickel-plated; Contacts: gold-plated; Tightening torque: 0.6...1.5 Nm



### Connection



Core colours :  
 BK = black  
 BN = brown  
 BU = blue