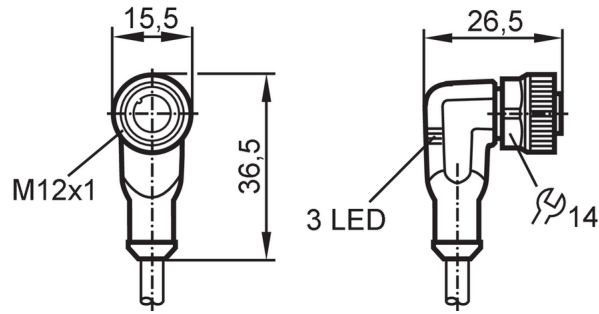




## Female cordset

ADOAH032ZDB0010E03



## Application

|                    |                                                                  |
|--------------------|------------------------------------------------------------------|
| Special feature    | Free from silicone; gold-plated contacts; Drag chain suitability |
| Application        | Industrial applications                                          |
| 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                                                                 |
| Material               | housing: TPU (urethane) black transparent; sealing: FKM |                                                                                    |
| Molded-body material   | TPU (urethane)                                          |                                                                                    |
| Material nut           | brass, nickel-plated                                    |                                                                                    |
| Sealing material       | FKM                                                     |                                                                                    |
| Drag chain suitability | yes                                                     |                                                                                    |
| Drag chain suitability | Bending radius for flexible applications                | 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/s² |
|                        | Bending cycles                                          | 1 Mio.                                                                             |
|                        | Torsional strain                                        | ± 180 °/m                                                                          |

## Displays / operating elements

|         |                  |                 |
|---------|------------------|-----------------|
| Display | Switching status | 1 x LED, yellow |
|         | Power            | 1 x LED, green  |

## Remarks

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

# EVS009



## Female cordset

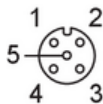
ADOAH032ZDB0010E03

### Electrical connection

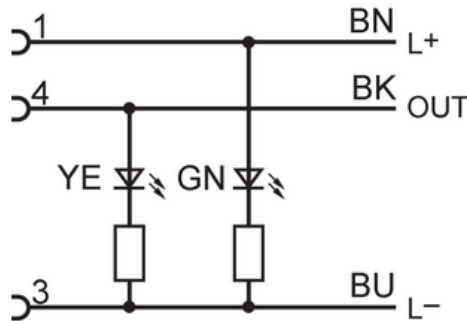
Cable: 10 m, PVC, black, Ø 4.5 mm; 3 x 0.25 mm<sup>2</sup> (14 x Ø 0.15 mm )

### Electrical connection - Socket

Connector: 1 x M12, angled; coding: A; Contacts: 3, gold-plated; Moulded body: TPU (urethane), black transparent; Locking: brass, nickel-plated; sealing: FKM; Tightening torque: 0.6...1.5 Nm



### Connection



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