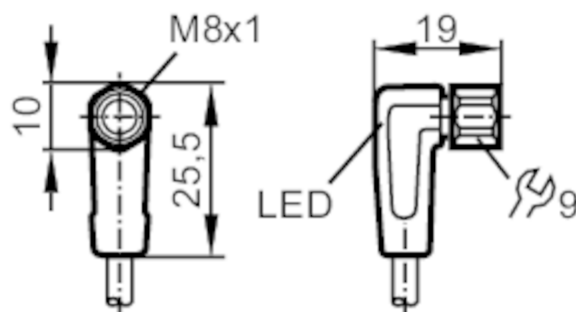


## Connecting cable with socket

ADOAF032VAS0010E03



## Application

|                    |                                                                  |
|--------------------|------------------------------------------------------------------|
| Special feature    | Free from silicone; Gold-plated contacts; Drag chain suitability |
| Application        | hygienic and wet areas in the food industry                      |
| Free from silicone | yes                                                              |

## Electrical data

|                             |            |
|-----------------------------|------------|
| Operating voltage [V]       | 10...36 DC |
| Protection class            | III        |
| Max. current load total [A] | 3          |

## Outputs

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

## Operating conditions

|                                      |                             |
|--------------------------------------|-----------------------------|
| Ambient temperature [°C]             | -25...80                    |
| Note on ambient temperature          | cULus: ...50                |
| Ambient temperature (moving) [°C]    | 5...80                      |
| Note on ambient temperature (moving) | cULus: ...50                |
| Protection                           | IP 65; IP 67; IP 68; IP 69K |

## Tests / approvals

|              |       |
|--------------|-------|
| MTTF [years] | 31710 |
|--------------|-------|

## Mechanical data

|                 |                                               |
|-----------------|-----------------------------------------------|
| Weight [g]      | 357.7                                         |
| Dimensions [mm] | 19 x 10 x 25.5                                |
| Materials       | housing: PVC black transparent; Sealing: EPDM |



## Connecting cable with socket

ADOAF032VAS0010E03

|                        |                                 |                                                                                    |
|------------------------|---------------------------------|------------------------------------------------------------------------------------|
| Material nut           | stainless steel (316L/1.4404)   |                                                                                    |
| Drag chain suitability | yes                             |                                                                                    |
| 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/s² |
|                        | bending cycles                  | > 1 Mio.                                                                           |
|                        | torsional strain                | ± 180 °/m                                                                          |

## Displays / operating elements

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

## Remarks

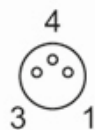
|               |        |
|---------------|--------|
| Pack quantity | 1 pcs. |
|---------------|--------|

## Electrical connection

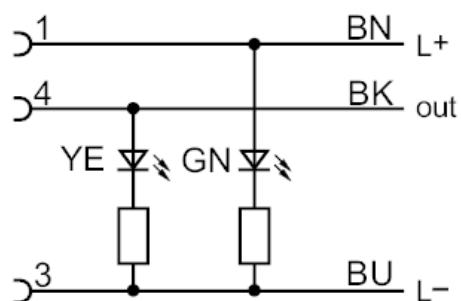
Cable: 10 m, PVC, orange, Ø 4.9 mm; 3 x 0.34 mm² (42 x Ø 0.1 mm )

## Electrical connection - socket

Connector: 1 x M8, angled; coding: A; Locking: stainless steel (316L/1.4404); Contacts: gold-plated; Tightening torque: 0.3...0.5 Nm



## Connection



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