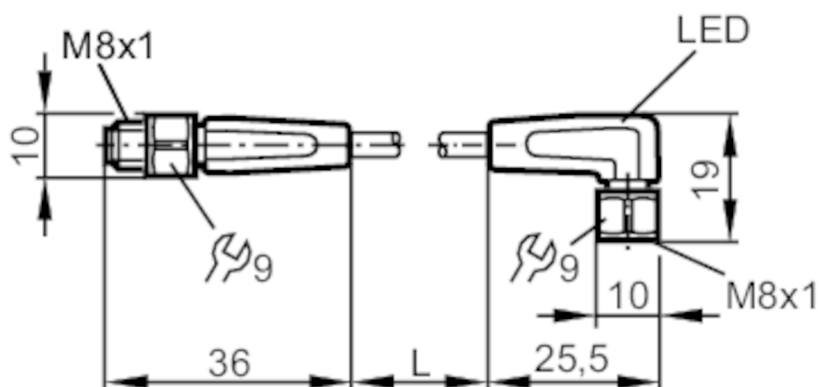




## Connection cable

VDOAF032VAS0001E03STGF030VAS



## Application

|                    |                                                                  |
|--------------------|------------------------------------------------------------------|
| System             | Free from silicone; gold-plated contacts; Drag chain suitability |
| Application        | sanitary 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]           | 54.7         |
| Dimensions [mm]      | 10 x 10 x 36 |
| Molded-body material | PVC          |



Connection cable

VDOAF032VAS0001E03STGF030VAS

|                        |                                          |                                                                                                |
|------------------------|------------------------------------------|------------------------------------------------------------------------------------------------|
| Material nut           | stainless steel (1.4404 / 316L)          |                                                                                                |
| Sealing material       | EPDM                                     |                                                                                                |
| 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/s <sup>2</sup> |
|                        | Bending cycles                           | > 1 Mio.                                                                                       |
|                        | Torsional strain                         | ± 180 °/m                                                                                      |

Displays / operating elements

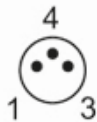
|         |                  |                 |
|---------|------------------|-----------------|
| Display | Switching status | 1 x LED, yellow |
|         | Power            | 1 x LED, green  |

Remarks

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

Electrical connection - plug

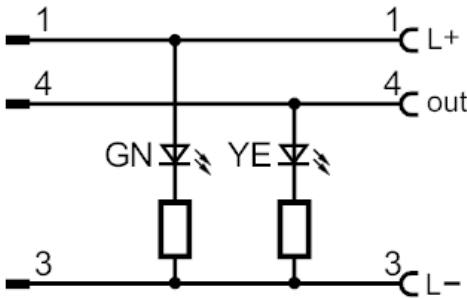
Connector: 1 x M8, straight; coding: A; Moulded body: PVC, orange; Locking: stainless steel (1.4404 / 316L); Contacts: gold-plated; Tightening torque: 0.3...0.5 Nm



Electrical connection

Cable: 1 m, PVC, orange, Ø 4.9 mm; 3 x 0.34 mm<sup>2</sup> (42 x Ø 0.1 mm )

Connection

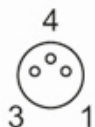


**Connection cable**

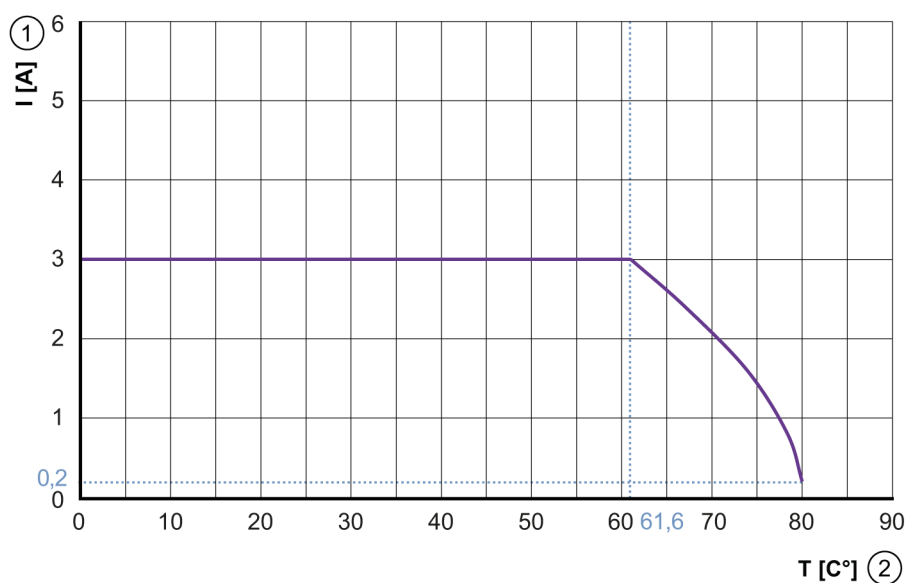
VDOAF032VAS0001E03STGF030VAS

**Electrical connection - Socket**

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

**Diagrams and graphs**

Characteristic curve for derating



- 1 Current [A]  
2 Ambient temperature [°C]