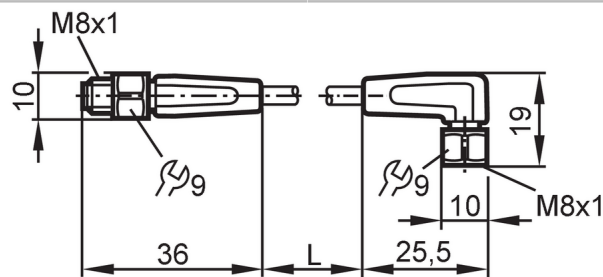


# EVT153



## Connection cable

VDOAF030VAS0010E03STGF030VAS



### Application

|                    |                                                                  |
|--------------------|------------------------------------------------------------------|
| Special feature    | 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] | < 50 AC / < 60 DC |
| Protection class        |     | III               |
| Max. current load total | [A] | 3                 |

### 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 |

### Mechanical data

|                        |                                          |                                                                                    |
|------------------------|------------------------------------------|------------------------------------------------------------------------------------|
| Weight                 | [g]                                      | 353.7                                                                              |
| Dimensions             | [mm]                                     | 10 x 10 x 36                                                                       |
| Molded-body material   |                                          | PVC                                                                                |
| 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/s² |
|                        | Bending cycles                           | > 1 Mio.                                                                           |
|                        | Torsional strain                         | ± 180 °/m                                                                          |

### Remarks

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



Connection cable

VDOAF030VAS0010E03STGF030VAS

Electrical connection - plug

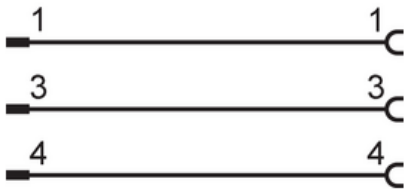
Connector: 1 x M8, straight; coding: A; Contacts: 3, gold-plated; Moulded body: PVC, orange; Locking: stainless steel (1.4404 / 316L); Tightening torque: 0.3...0.5 Nm



Electrical connection

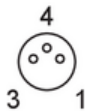
Cable: 10 m, PVC, orange, Ø 4.9 mm; 3 x 0.34 mm² (42 x Ø 0.1 mm )

Connection



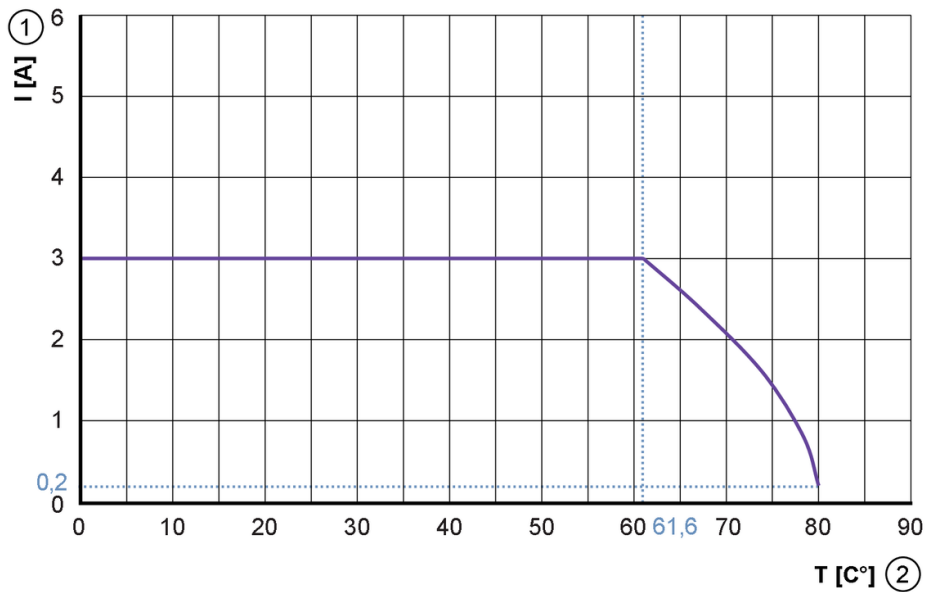
Electrical connection - Socket

Connector: 1 x M8, angled; coding: A; Contacts: 3, gold-plated; Moulded body: PVC, orange; Locking: stainless steel (1.4404 / 316L); sealing: EPDM; Tightening torque: 0.3...0.5 Nm



Diagrams and graphs

Characteristic curve for derating



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