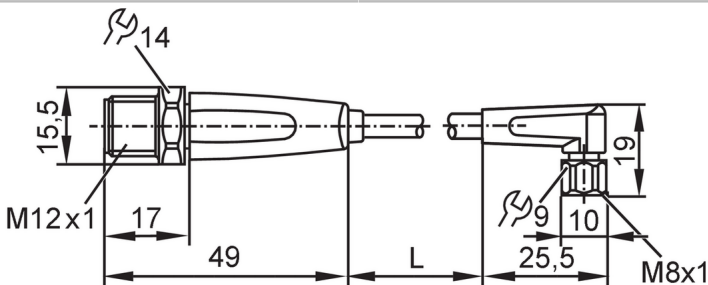


# EVF242



## Connection cable

VDOAF030VAS00,3P03STGH030VAS



| Application                  |                                                                                |                                                                                    |
|------------------------------|--------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| Special feature              | Free from silicone; Halogen-free; 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; (cULus: 30 AC / 30 DC)                                          |
| Protection class             |                                                                                | III                                                                                |
| Max. current load total      | [A]                                                                            | 3                                                                                  |
| Operating conditions         |                                                                                |                                                                                    |
| Ambient temperature          | [°C]                                                                           | -25...80                                                                           |
| Ambient temperature (moving) | [°C]                                                                           | 5...80                                                                             |
| Protection                   |                                                                                | IP 65; IP 67; IP 68; IP 69K                                                        |
| Mechanical data              |                                                                                |                                                                                    |
| Weight                       | [g]                                                                            | 31                                                                                 |
| Dimensions                   | [mm]                                                                           | 15.5 x 15.5 x 49                                                                   |
| Molded-body material         |                                                                                | PP, Halogen-free                                                                   |
| 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.                                                                         |                                                                                    |

## Electrical connection - plug

Connector: 1 x M12, straight; coding: A; Contacts: 3, gold-plated; Moulded body: PP, Halogen-free; Locking: stainless steel (1.4404 / 316L); Tightening torque: 0.6...1.5 Nm



# EVF242



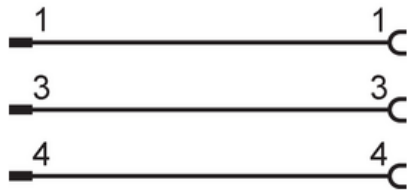
## Connection cable

VDOAF030VAS00,3P03STGH030VAS

### Electrical connection

Cable: 0.3 m, MPPE, Halogen-free, grey, Ø 4.9 mm; 3 x 0.34 mm<sup>2</sup> (42 x Ø 0.1 mm )

### Connection



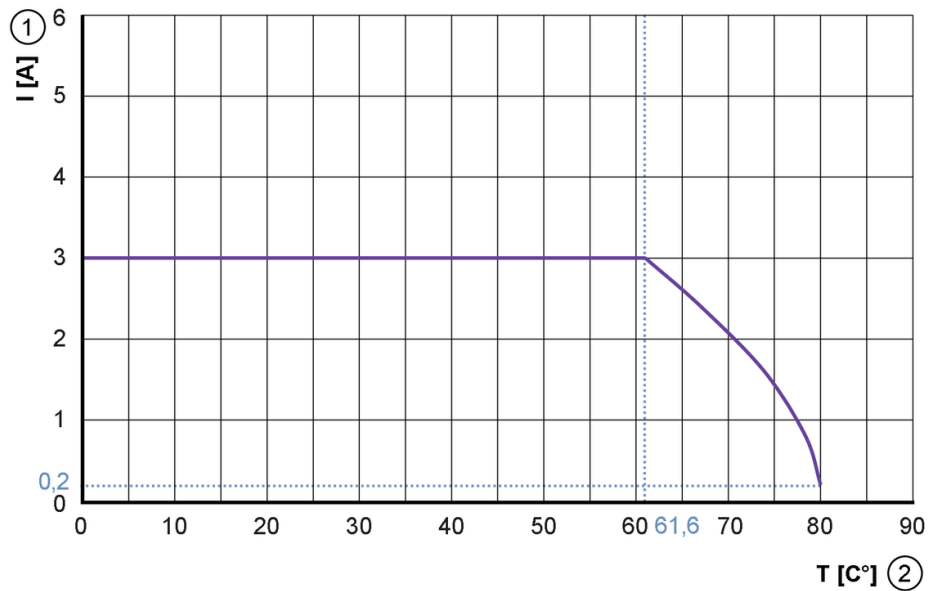
### Electrical connection - Socket

Connector: 1 x M8, angled; coding: A; Contacts: 3, gold-plated; Moulded body: PP, Halogen-free; 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]