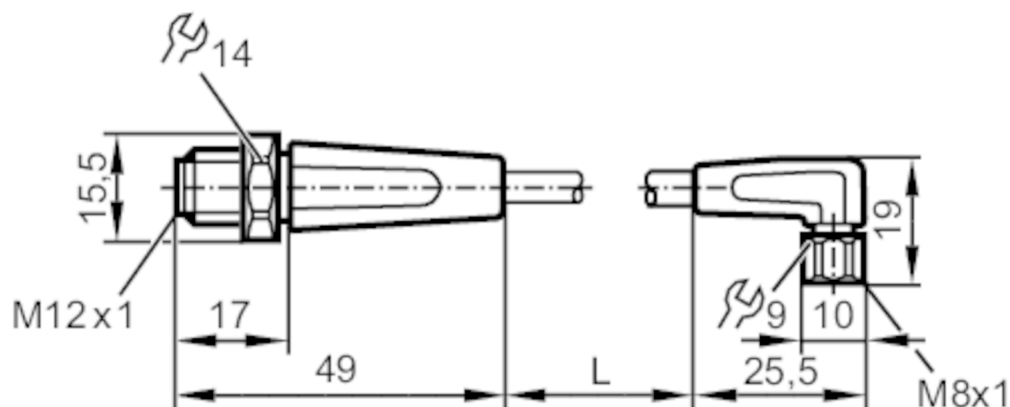




## Connection cable

VDOAF040VAS00,3P04STGH040VAS



## Application

|                    |                                                                                |
|--------------------|--------------------------------------------------------------------------------|
| System             | 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 |

## Tests / approvals

|             |                |         |
|-------------|----------------|---------|
| UL approval | voltage supply | Class 2 |
|-------------|----------------|---------|

## Mechanical data

|                        |      |                                 |
|------------------------|------|---------------------------------|
| Weight                 | [g]  | 31.4                            |
| 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                             |



Connection cable

VDOAF040VAS00,3P04STGH040VAS

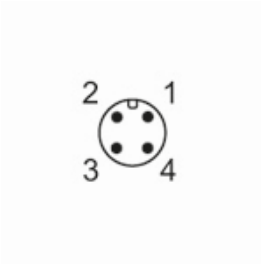
|                        |                                          |                                                                                    |
|------------------------|------------------------------------------|------------------------------------------------------------------------------------|
| 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

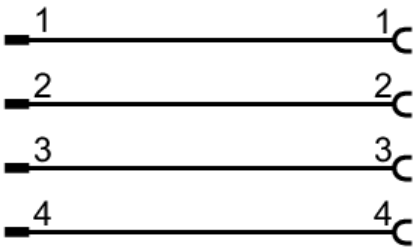
Connector: 1 x M12, straight; coding: A; Moulded body: PP, Halogen-free; Locking: stainless steel (1.4404 / 316L); Contacts: gold-plated; Tightening torque: 0.6...1.5 Nm



Electrical connection

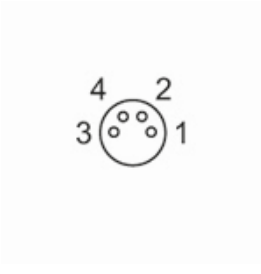
Cable: 0.3 m, MPPE, Halogen-free, grey, Ø 4.9 mm; 4 x 0.34 mm² (42 x Ø 0.1 mm )

Connection



Electrical connection - Socket

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



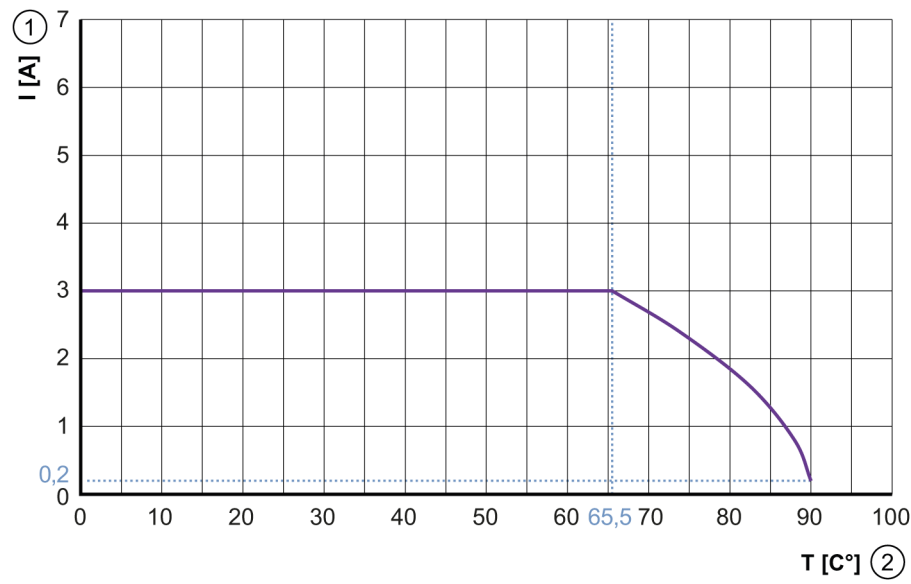


Connection cable

VDOAF040VAS00,3P04STGH040VAS

Diagrams and graphs

Characteristic curve for derating



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