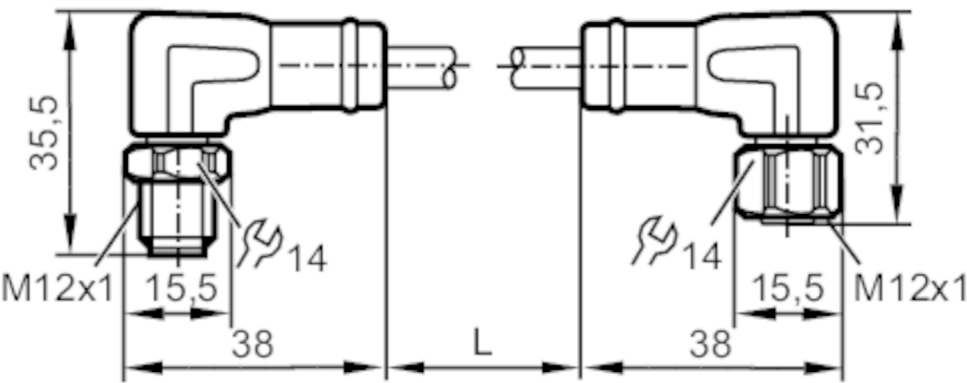


# EVF517



## Connection cable

VDOAH040VAP0020P04STAH040VAP



| 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]  | < 250 AC / < 300 DC                                                            |
| Protection class                                                |      | II                                                                             |
| Max. current load total                                         | [A]  | 4                                                                              |
| Operating conditions                                            |      |                                                                                |
| Ambient temperature                                             | [°C] | -25...100                                                                      |
| Ambient temperature (moving)                                    | [°C] | 0...100                                                                        |
| Storage temperature                                             | [°C] | -25...55                                                                       |
| Storage humidity                                                | [%]  | 10...100                                                                       |
| Other climatic conditions for storage according to stated class |      | 1K22/ DIN 60721-3-1                                                            |
| Protection                                                      |      | IP 65; IP 67; IP 68; IP 69K                                                    |
| Mechanical data                                                 |      |                                                                                |
| Weight                                                          | [g]  | 1331.5                                                                         |
| Dimensions                                                      | [mm] | 35.5 x 15.5 x 38                                                               |
| Molded-body material                                            |      | PP, Halogen-free                                                               |
| Material nut                                                    |      | stainless steel (1.4404 / 316L)                                                |
| Sealing material                                                |      | EPDM                                                                           |

# EVF517



## Connection cable

VDOAH040VAP0020P04STAH040VAP

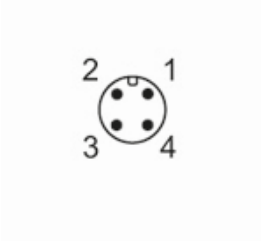
|                        |                                          |                                                                                                |
|------------------------|------------------------------------------|------------------------------------------------------------------------------------------------|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

### Remarks

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

### Electrical connection - plug

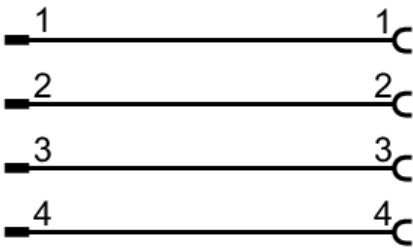
Connector: 1 x M12, angled; coding: A; Moulded body: PP, Halogen-free; Locking: stainless steel (1.4404 / 316L); Contacts: gold-plated; Tightening torque: 0.6...1.2 Nm



### Electrical connection

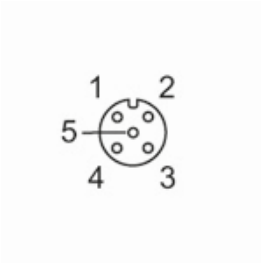
Cable: 20 m, MPPE, Halogen-free, grey, Ø 6.2 mm; 4 x 1.00 mm<sup>2</sup> (32 x Ø 0.2 mm )

### Connection



### Electrical connection - Socket

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



# EVF517

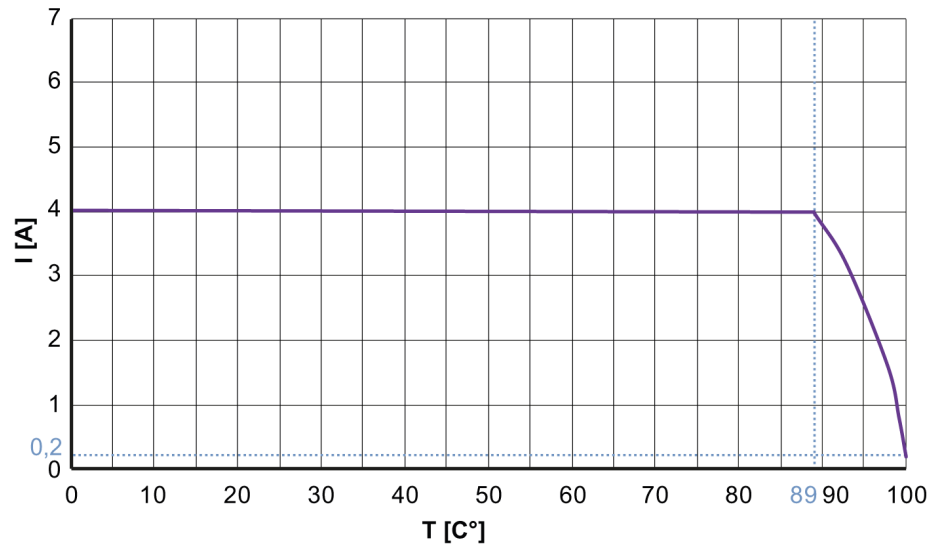


## Connection cable

VDOAH040VAP0020P04STAH040VAP

### Diagrams and graphs

Characteristic curve for derating



Derating  $I_{max} * 0.8$  (DIN EN 60512-5-2)

T Ambient temperature [°C]

I Current [A]