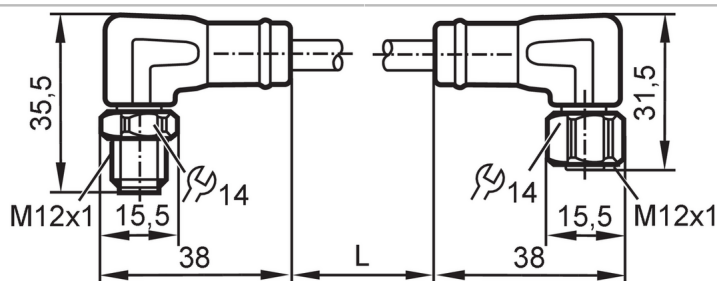


# EVF717



## Connection cable

VDOAH040VAS0015R04STAH040VAS



### Application

|                    |                                                                                                |
|--------------------|------------------------------------------------------------------------------------------------|
| Special feature    | Free from silicone; Halogen-free; gold-plated contacts; screened cable; 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] | 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]  | 636.7                                    |                                                                                    |
| Dimensions             | [mm] | 35.5 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. |
|---------------|--------|



Connection cable

VDOAH040VAS0015R04STAH040VAS

Electrical connection - plug

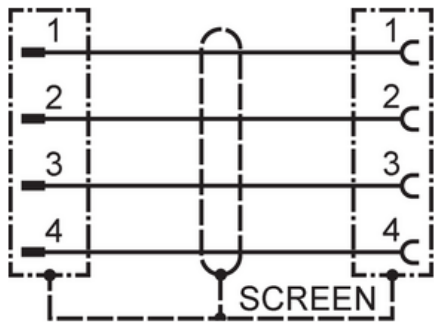
Connector: 1 x M12, angled; coding: A; Contacts: 4, gold-plated; Moulded body: PP, Halogen-free; Locking: stainless steel (1.4404 / 316L); Tightening torque: 0.6...1.2 Nm; Shielded connection cable: shield connected; Take into account the maximum value of the counterpart!



Electrical connection

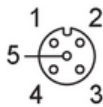
Cable: 15 m, MPPE, Halogen-free, grey, Ø 5.2 mm, screened; 4 x 0.34 mm² (42 x Ø 0.1 mm )

Connection



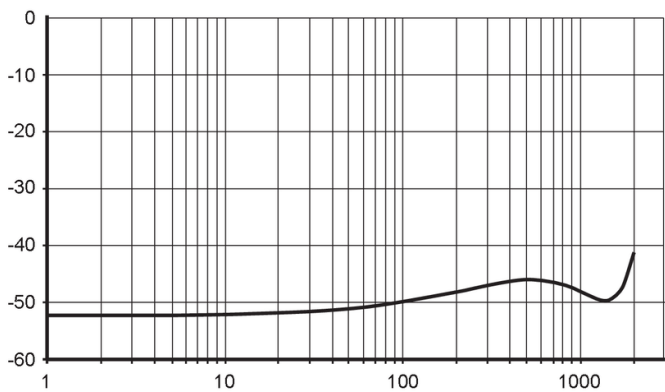
Electrical connection - Socket

Connector: 1 x M12, angled; coding: A; Contacts: 4, gold-plated; Moulded body: PP, Halogen-free; Locking: stainless steel (1.4404 / 316L); sealing: EPDM; Tightening torque: 0.6...1.5 Nm; Shielded connection cable: shield connected



Diagrams and graphs

Shielding characteristics



x Frequency (MHz)  
y Shielding characteristics (dB)  
according to DIN EN 60512-23-3