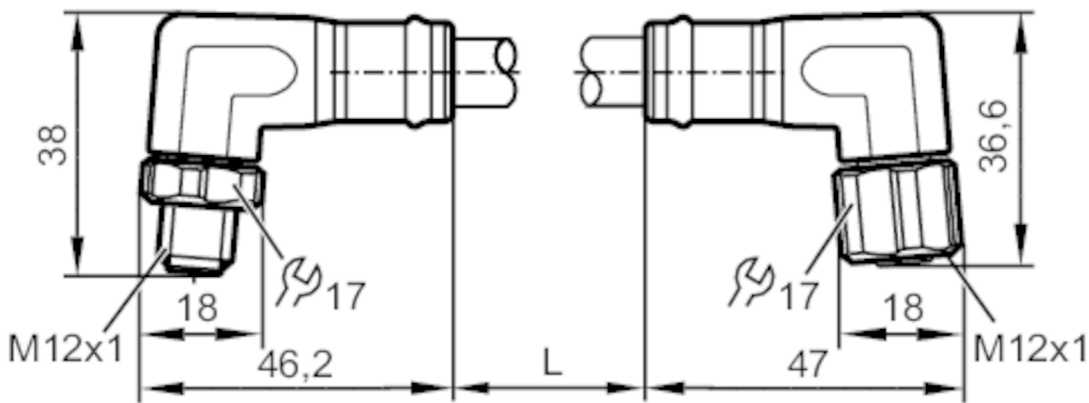


# EVF638



## Connection cable

VDOAE050VAS00,5P05STAE050VAS



### Application

|                    |                                                                                |
|--------------------|--------------------------------------------------------------------------------|
| System             | Free from silicone; Halogen-free; gold-plated contacts; Drag chain suitability |
| Design             | Power cable, L-coded                                                           |
| Application        | Washdown applications                                                          |
| Free from silicone | yes                                                                            |

### Electrical data

|                         |     |       |
|-------------------------|-----|-------|
| Operating voltage       | [V] | 63 DC |
| Protection class        |     | III   |
| Max. current load total | [A] | 16    |

### Operating conditions

|                                                                 |      |                      |
|-----------------------------------------------------------------|------|----------------------|
| Ambient temperature                                             | [°C] | -25...100            |
| Note on ambient temperature                                     |      | cULus: ...65 °C      |
| 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 69K |

### Mechanical data

|                        |     |                                 |
|------------------------|-----|---------------------------------|
| Weight                 | [g] | 147.9                           |
| Molded-body material   |     | PP                              |
| Material nut           |     | stainless steel (1.4404 / 316L) |
| Sealing material       |     | EPDM                            |
| Drag chain suitability |     | yes                             |

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## Connection cable

VDOAE050VAS00,5P05STAE050VAS

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

Cable: 0.5 m, MPPE, Halogen-free, grey, Ø 10.1 mm; 5 x 2.5 mm<sup>2</sup> (141 x Ø 0.15 mm )

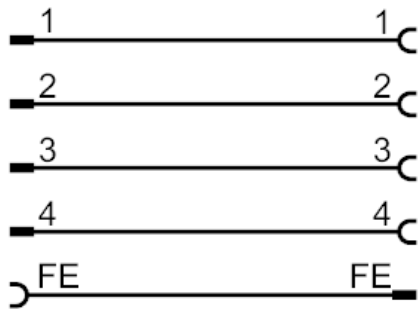
### Electrical connection - plug

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



### Electrical connection - 2

#### Connection



### Electrical connection - Socket

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

