

# EVF643



## Connection cable

VDOAE050VAS0020P05STAE050VAS



| Application                                                     |      |                                                                                |
|-----------------------------------------------------------------|------|--------------------------------------------------------------------------------|
| Special feature                                                 |      | Free from silicone; Halogen-free; Gold-plated contacts; Drag chain suitability |
| Design                                                          |      | power cable, L-coded                                                           |
| Application                                                     |      | Use in wet areas and in the food and beverage industry                         |
| 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]  | 3801.55                                                                        |
| Moulded-body material                                           |      | PP                                                                             |
| Material nut                                                    |      | stainless steel (1.4404 / 316L)                                                |
| Sealing material                                                |      | EPDM                                                                           |
| Drag chain suitability                                          |      | yes                                                                            |

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|                        |                                 |                                                                                                |
|------------------------|---------------------------------|------------------------------------------------------------------------------------------------|
| Drag chain suitability | bending radius for flexible use | 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: 20 m, MPPE, Halogen-free, grey, Ø 10.1 mm; 5 x 2.5 mm<sup>2</sup> (141 x Ø 0.15 mm )

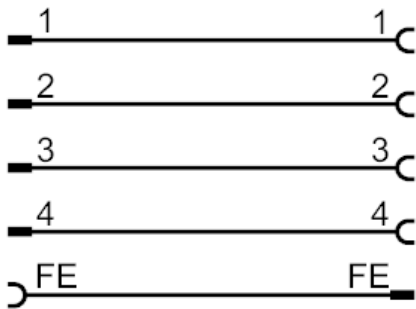
### Electrical connection - plug

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

