

## Connection cable

VDOAF030MSS02,5H03STGF030MSS



## Application

|                    |                                                                                |
|--------------------|--------------------------------------------------------------------------------|
| Special feature    | Free from silicone; Halogen-free; Gold-plated contacts; Drag chain suitability |
| Free from silicone | yes                                                                            |

## Electrical data

|                         |     |                   |
|-------------------------|-----|-------------------|
| Operating voltage       | [V] | < 50 AC / < 60 DC |
| Protection class        |     | III               |
| Max. current load total | [A] | 3                 |

## Operating conditions

|                                      |      |                             |
|--------------------------------------|------|-----------------------------|
| Ambient temperature                  | [°C] | -25...90                    |
| Note on ambient temperature          |      | cULus: ...80                |
| Ambient temperature (moving)         | [°C] | -25...90                    |
| Note on ambient temperature (moving) |      | cULus: ...80                |
| Protection                           |      | IP 65; IP 67; IP 68; IP 69K |

## Mechanical data

|                        |      |                                   |
|------------------------|------|-----------------------------------|
| Weight                 | [g]  | 69.9                              |
| Dimensions             | [mm] | 10 x 10 x 36                      |
| Materials              |      | housing: TPU orange; Sealing: FKM |
| Material nut           |      | brass, nickel-plated              |
| 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                  | > 5 Mio.                                                                                       |
|                        | torsional strain                | ± 180 °/m                                                                                      |

### Remarks

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

### Electrical connection - plug

Connector: 1 x M8, straight; coding: A; Locking: brass, nickel-plated; Contacts: gold-plated; Tightening torque: 0.3...0.5 Nm



### Electrical connection

Cable: 2.5 m, PUR, Halogen-free, black, Ø 3.7 mm; 3 x 0.25 mm<sup>2</sup>

### Connection



### Electrical connection - socket

Connector: 1 x M8, angled; coding: A; Locking: brass, nickel-plated; Contacts: gold-plated; Tightening torque: 0.3...0.5 Nm

