



## Connection cable

VDOAF030MSS0003H03STGF030MSS



| 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 °C                                                                |
| Ambient temperature (moving)         | [°C] | -25...90                                                                       |
| Note on ambient temperature (moving) |      | cULus: ...80 °C                                                                |
| Protection                           |      | IP 65; IP 67; IP 68; IP 69K                                                    |
| Mechanical data                      |      |                                                                                |
| Weight                               | [g]  | 78.1                                                                           |
| 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: 3 m, PUR, Halogen-free, black, Ø 3.7 mm; 3 x 0.25 mm<sup>2</sup> (32 x Ø 0.1 mm )

### 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

