



Connection cable

VDOGF040VAS0010E04STGF040VAS



| Application                          |      |                                                                  |
|--------------------------------------|------|------------------------------------------------------------------|
| System                               |      | Free from silicone; gold-plated contacts; 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]  | 3                                                                |
| Operating conditions                 |      |                                                                  |
| Ambient temperature                  | [°C] | -25...80                                                         |
| Note on ambient temperature          |      | cULus: ...50                                                     |
| Ambient temperature (moving)         | [°C] | 5...80                                                           |
| Note on ambient temperature (moving) |      | cULus: ...50                                                     |
| Protection                           |      | IP 65; IP 67; IP 68; IP 69K                                      |
| Mechanical data                      |      |                                                                  |
| Weight                               | [g]  | 380                                                              |
| Dimensions                           | [mm] | 10 x 10 x 36                                                     |
| Molded-body material                 |      | PVC                                                              |
| 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 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 - plug

Connector: 1 x M8, straight; coding: A; Moulded body: PVC, orange; Locking: stainless steel (1.4404 / 316L); Contacts: gold-plated; Tightening torque: 0.3...0.5 Nm



### Electrical connection

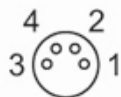
Cable: 10 m, PVC, orange, Ø 4.9 mm; 4 x 0.34 mm<sup>2</sup> (42 x Ø 0.1 mm )

### Connection



### Electrical connection - Socket

Connector: 1 x M8, straight; coding: A; Moulded body: PVC, orange; Locking: stainless steel (1.4404 / 316L); sealing: EPDM; Contacts: gold-plated; Tightening torque: 0.3...0.5 Nm





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## Diagrams and graphs

Characteristic curve for derating



- 1 Current [A]
- 2 Ambient temperature [°C]