

# EVT280



## Connection cable

VDOGF040VAS00,6E03STGF030VAS



| Application                          |                                             |
|--------------------------------------|---------------------------------------------|
| Application                          | hygienic 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                 |



## Connection cable

VDOGF040VAS00,6E03STGF030VAS

| Mechanical data        |                                                                   |                                                                                                |
|------------------------|-------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| Weight                 | [g]                                                               | 36.4                                                                                           |
| Dimensions             | [mm]                                                              | 10 x 10 x 36                                                                                   |
| Materials              | housing: PVC orange; Sealing: EPDM                                |                                                                                                |
| Material nut           | stainless steel (1.4404 / 316L) / stainless steel (1.4404 / 316L) |                                                                                                |
| 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                                                                                      |
|                        | Drag chain suitability                                            | yes                                                                                            |

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

| Electrical connection                                                          |  |
|--------------------------------------------------------------------------------|--|
| Cable: 0.6 m, PVC, orange, Ø 4.9 mm; 3 x 0.34 mm <sup>2</sup> (42 x Ø 0.1 mm ) |  |

| Electrical connection - socket                                                                                                |  |
|-------------------------------------------------------------------------------------------------------------------------------|--|
| Connector: 1 x M8, straight; Locking: stainless steel (1.4404 / 316L); Contacts: gold-plated; Tightening torque: 0.3...0.5 Nm |  |



| Electrical connection - plug                                                                                                  |  |
|-------------------------------------------------------------------------------------------------------------------------------|--|
| Connector: 1 x M8, straight; Locking: stainless steel (1.4404 / 316L); Contacts: gold-plated; Tightening torque: 0.3...0.5 Nm |  |



# EVT280



## Connection cable

VDOGF040VAS00,6E03STGF030VAS

### Connection

