

# EVT445



## Connection cable

VDOAH040VAS0003E04STGH040VAS



| 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]  | < 250 AC / < 300 DC                                              |
| Protection class                                                |      | II                                                               |
| Max. current load total                                         | [A]  | 4                                                                |
| Operating conditions                                            |      |                                                                  |
| Ambient temperature                                             | [°C] | -25...100                                                        |
| Note on ambient temperature                                     |      | cULus: ...50                                                     |
| Ambient temperature (moving)                                    | [°C] | 5...100                                                          |
| Note on ambient temperature (moving)                            |      | cULus: ...50                                                     |
| 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 68; IP 69K                                      |
| Mechanical data                                                 |      |                                                                  |
| Weight                                                          | [g]  | 143.3                                                            |
| Molded-body material                                            |      | PVC                                                              |
| Material nut                                                    |      | stainless steel (1.4404 / 316L)                                  |



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|                        |                                          |                                                                                    |
|------------------------|------------------------------------------|------------------------------------------------------------------------------------|
| Sealing material       | EPDM                                     |                                                                                    |
| Drag chain suitability | yes                                      |                                                                                    |
| 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/s² |
|                        | Bending cycles                           | > 1 Mio.                                                                           |
|                        | Torsional strain                         | ± 180 °/m                                                                          |

Remarks

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

Electrical connection - plug

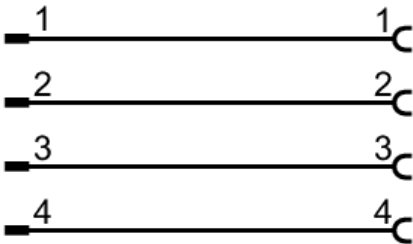
Connector: 1 x M12, straight; coding: A; Moulded body: PVC, orange; Locking: stainless steel (1.4404 / 316L); Contacts: gold-plated; Tightening torque: 0.6...1.5 Nm



Electrical connection

Cable: 3 m, PVC, orange, Ø 4.9 mm; 4 x 0.34 mm² (42 x Ø 0.1 mm )

Connection



Electrical connection - Socket

Connector: 1 x M12, angled; coding: A; Moulded body: PVC, orange; Locking: stainless steel (1.4404 / 316L); sealing: EPDM; Contacts: gold-plated; Tightening torque: 0.6...1.5 Nm

