

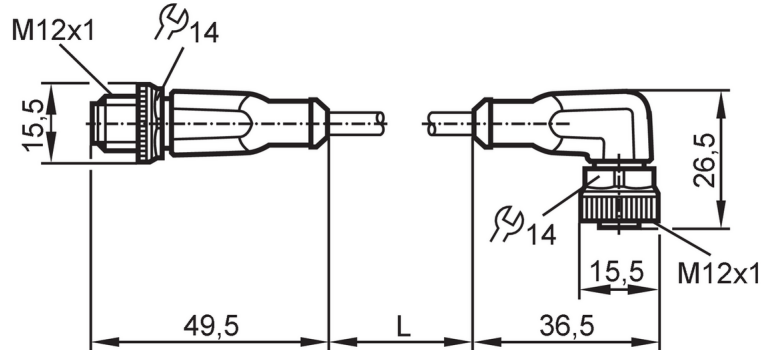
EVC828



Connection cable

VDOAH030MSS0010H03STGH030MSS

Please see the technical note under "Downloads"



Application

| | |
|--------------------|--|
| Special feature | Free from silicone; Halogen-free; gold-plated contacts; Drag chain suitability |
| 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...90 |
| Note on ambient temperature | cULus: ...75 °C |
| Ambient temperature (moving) [°C] | -25...90 |
| Note on ambient temperature (moving) | cULus: ...75 °C |
| 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] | 319.5 | |
| Molded-body material | TPU (urethane) | |
| Material nut | brass, nickel-plated | |
| Sealing material | FKM | |
| 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/s ² |
| | Bending cycles | > 5 Mio. |
| | Torsional strain | ± 180 °/m |

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Remarks

| | |
|---------------|---|
| Notes | Please see the technical note under "Downloads" |
| Pack quantity | 1 pcs. |

Electrical connection

Cable: 10 m, PUR, Halogen-free, black, Ø 4.3 mm; 3 x 0.34 mm² (42 x Ø 0.1 mm)

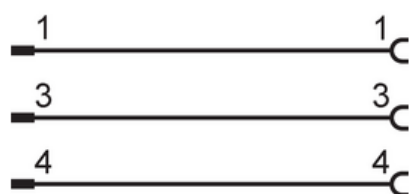
Electrical connection - plug

Connector: 1 x M12, straight; coding: A; Contacts: 3, gold-plated; Moulded body: TPU (urethane), orange; Locking: brass, nickel-plated; Tightening torque: 0.6...1.5 Nm



Electrical connection

Connection



Electrical connection - Socket

Connector: 1 x M12, angled; coding: A; Contacts: 3, gold-plated; Moulded body: TPU (urethane), orange; Locking: brass, nickel-plated; sealing: FKM; Tightening torque: 0.6...1.5 Nm

