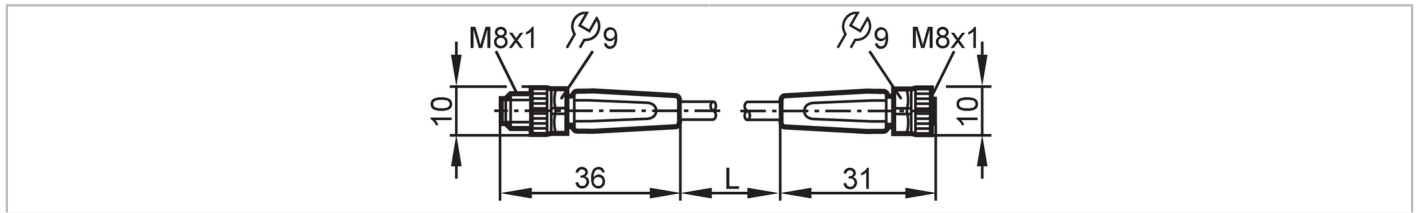


EVC271



Connection cable

VDOGF040MSS00,6H03STGF030MSS



Application

| | |
|--------------------|---|
| Special feature | Free from silicone; Halogen-free; Gold-plated contacts; Drag chain suitability |
| Application | Industrial applications / factory automation; Use in machine tools, coolants and lubricants |
| 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 |
| Ambient temperature (moving) [°C] | -25...90 |
| Note on ambient temperature (moving) | cULus: ...80 |
| Protection | IP 65; IP 67; IP 68; IP 69K |

Mechanical data

| | | |
|------------------------|---------------------------------|--|
| Weight [g] | 32.7 | |
| Moulded-body material | TPU | |
| Material nut | brass, nickel-plated | |
| Sealing material | FKM | |
| Drag chain suitability | yes | |
| 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 ² |
| | bending cycles | > 5 Mio. |
| | torsional strain | ± 180 °/m |

Remarks

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

Electrical connection - plug

Connector: 1 x M8, straight; coding: A; Contacts: 3, gold-plated; Moulded body: TPU, orange; Locking: brass, nickel-plated; Tightening torque: 0.3...0.5 Nm





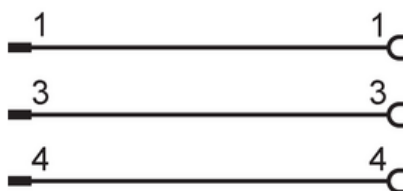
Connection cable

VDOGF040MSS00,6H03STGF030MSS

Electrical connection

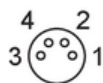
Cable: 0.6 m, PUR, Halogen-free, black, \varnothing 3.7 mm; 3 x 0.25 mm² (32 x \varnothing 0.1 mm)

Connection



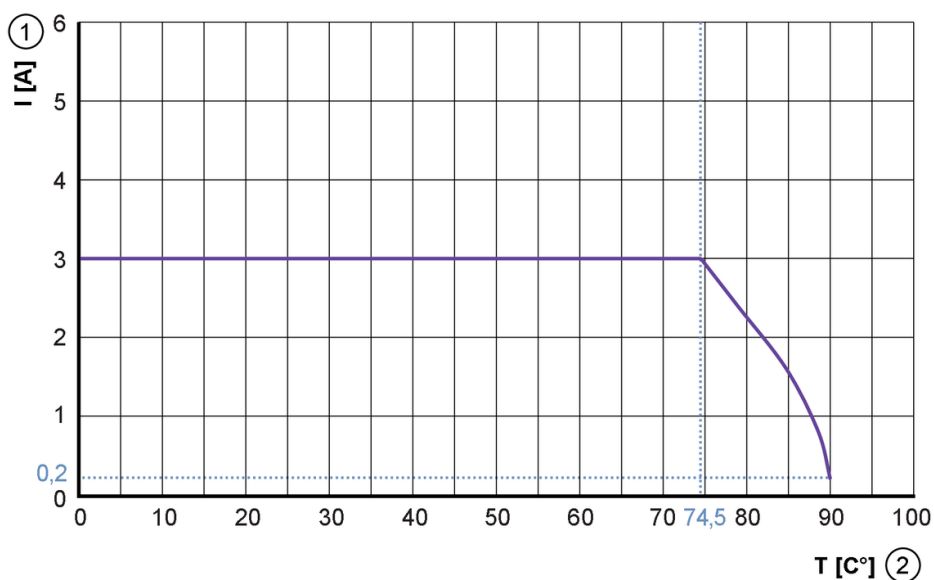
Electrical connection - socket

Connector: 1 x M8, straight; coding: A; Contacts: 3, gold-plated; Moulded body: TPU, orange; Locking: brass, nickel-plated; Sealing: FKM; Tightening torque: 0.3...0.5 Nm



Diagrams and graphs

characteristic line for derating



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