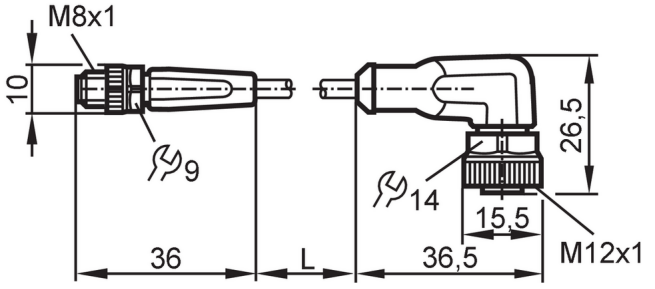
# EVC410

## Connection cable

VDOAH030MSS0010H03STGF030MSS

Please see the technical note under "Downloads"




| | | |
|---|---|---|
| **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: ...75 °C |
| Ambient temperature (moving) | [°C] | -25...90 |
| Note on ambient temperature (moving) | | cULus: ...75 °C |
| Protection | | IP 65; IP 67; IP 68; IP 69K |
| **Mechanical data** | | |
| Weight | [g] | 323.2 |
| Dimensions | [mm] | 10 x 10 x 36 |
| 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/s² |
| | bending cycles | > 5 Mio. |
| | torsional strain | ± 180 °/m |
| **Remarks** | | |
| Notes | | Please see the technical note under "Downloads" |
| Pack quantity | | 1 pcs. |

# EVC410

## Connection cable

VDOAH030MSS0010H03STGF030MSS

### Electrical connection - plug

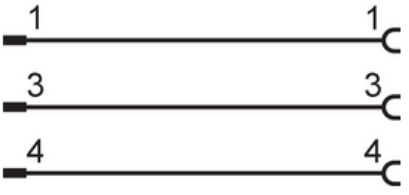
Connector: 1 x M8, straight; coding: A; Contacts: 3, gold-plated; Moulded body: TPU, orange; Locking: brass, nickel-plated; Tightening torque: 0.3...0.5 Nm




### Electrical connection

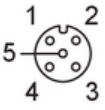
Cable: 10 m, PUR, Halogen-free, black, Ø 4.3 mm; 3 x 0.34 mm² (42 x Ø 0.1 mm )

#### Connection



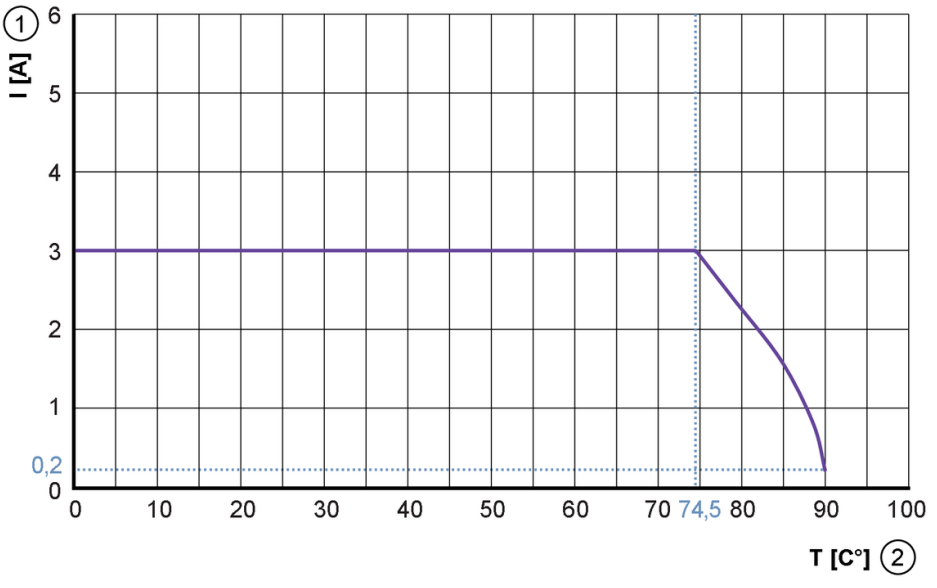

### Electrical connection - socket

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




### Diagrams and graphs

characteristic line for derating




1 Current [A]

2 Ambient temperature [°C]