

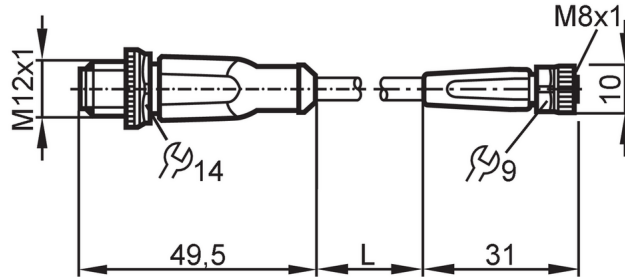
EVC219



Connection cable

VDOGF030MSS0005H03STGH030MSS

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] | < 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] | 152.1 | |
| 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 | | |
| Notes | Please see the technical note under "Downloads" | |
| Pack quantity | 1 pcs. | |



Connection cable

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Electrical connection - plug

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



Electrical connection

Cable: 5 m, PUR, Halogen-free, black, \varnothing 4.3 mm; 3 x 0.34 mm² (42 x \varnothing 0.1 mm)

Connection



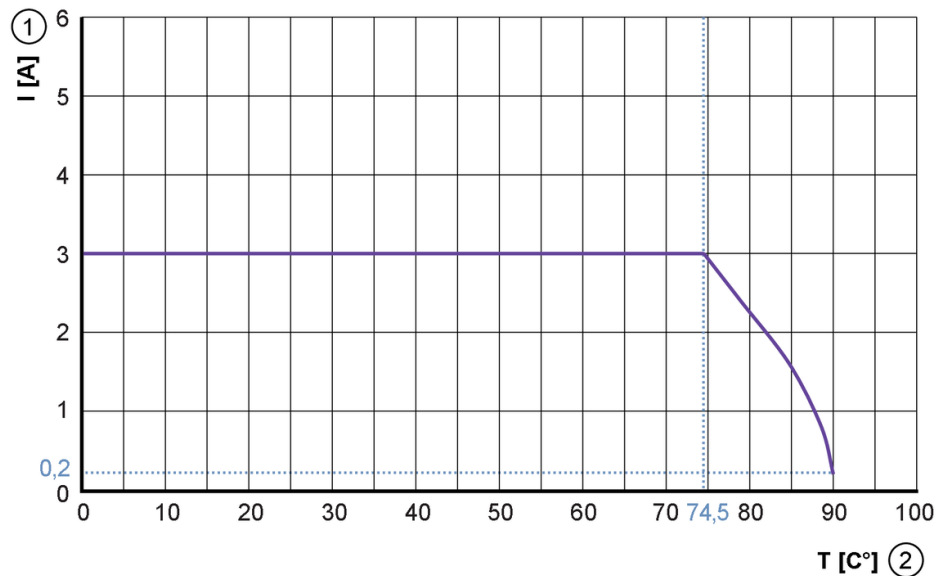
Electrical connection - socket

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]