



Connection cable

VDOGH040MSS0006H04STGH040MSS

Please see the technical note under "Downloads"



| Application | | |
|---|------|--|
| System | | 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 |
| Ambient temperature (moving) | [°C] | -25...90 |
| 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] | 225 |
| Material | | housing: TPU (urethane) orange; sealing: FKM |
| Material nut | | brass, nickel-plated |
| Drag chain suitability | | yes |



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| | | |
|------------------------|--|--|
| 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 | > 5 Mio. |
| | Torsional strain | ± 180 °/m |

Remarks

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

Electrical connection - plug

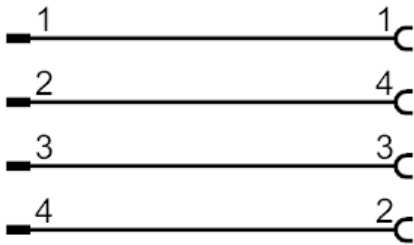
Connector: 1 x M12, straight; coding: A; Locking: brass, nickel-plated; Contacts: gold-plated; Tightening torque: 0.6...1.5 Nm



Electrical connection

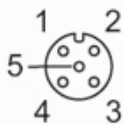
Cable: 6 m, PUR, Halogen-free, black, Ø 4.3 mm; 4 x 0.34 mm² (42 x Ø 0.1 mm)

Connection



Electrical connection - Socket

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





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Diagrams and graphs

Characteristic curve for derating



Derating $I_{max} \cdot 0.8$ (DIN EN 60512-5-2)

- X Ambient temperature [°C]
- Y Current [A]