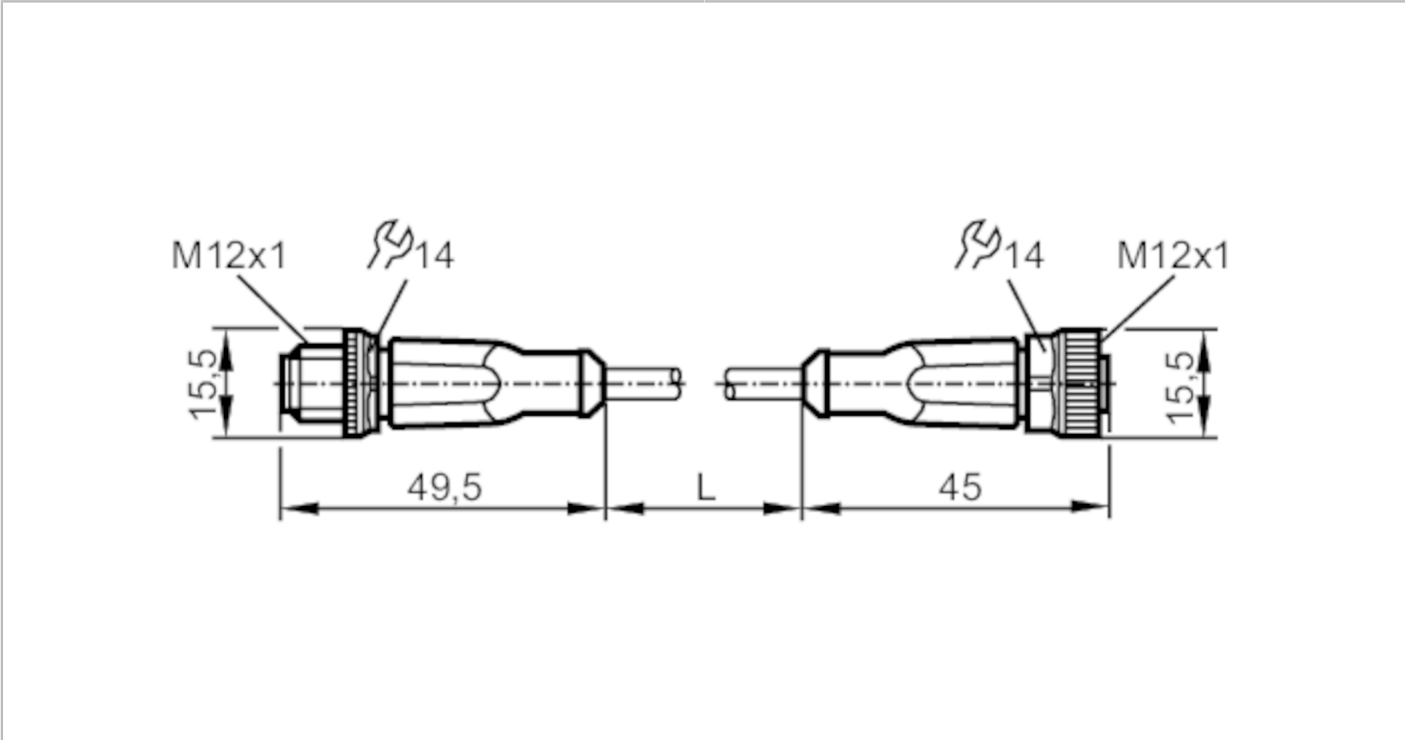




Connection cable

VDOGH040MSS0003H04STGH040MSS

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   |
| 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]  | 129.4  |
| Materials   |      | housing: TPU orange; Sealing: FKM  |
| Material nut  |      | brass, nickel-plated   |
| Drag chain suitability  |      | yes  |



Connection cable

VDOGH040MSS0003H04STGH040MSS

|                        |                                 |  |
|------------------------|---------------------------------|--|
| 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 <sup>2</sup> |
|                        | bending cycles                  | > 5 Mio.   |
|                        | torsional strain                | ± 180 °/m  |

Remarks

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

Electrical connection - plug

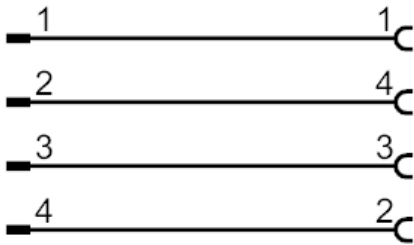
Connector: 1 x M12, straight; coding: A; Locking: brass, nickel-plated; Contacts: gold-plated; Tightening torque: 0.6...1.5 Nm



Electrical connection

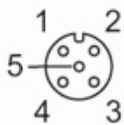
Cable: 3 m, PUR, Halogen-free, black, Ø 4.3 mm; 4 x 0.34 mm<sup>2</sup> (42 x Ø 0.1 mm )

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



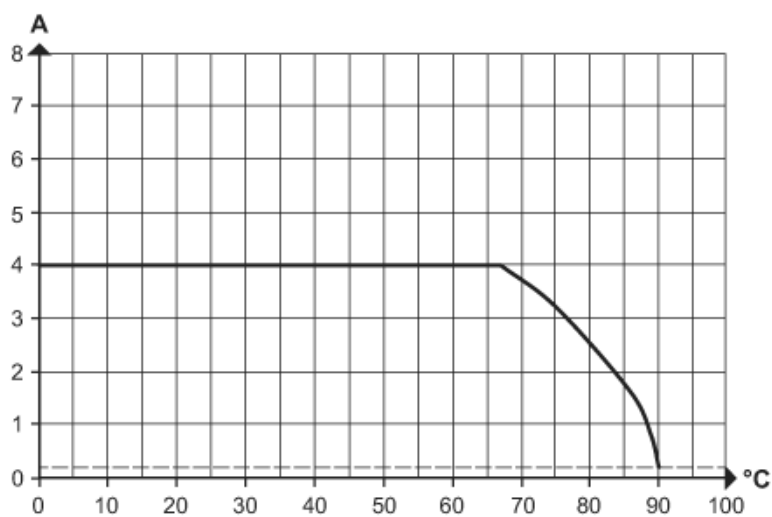


## Connection cable

VDOGH040MSS0003H04STGH040MSS

### Diagrams and graphs

characteristic line for derating



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

X Ambient temperature [°C]

Y Current [A]