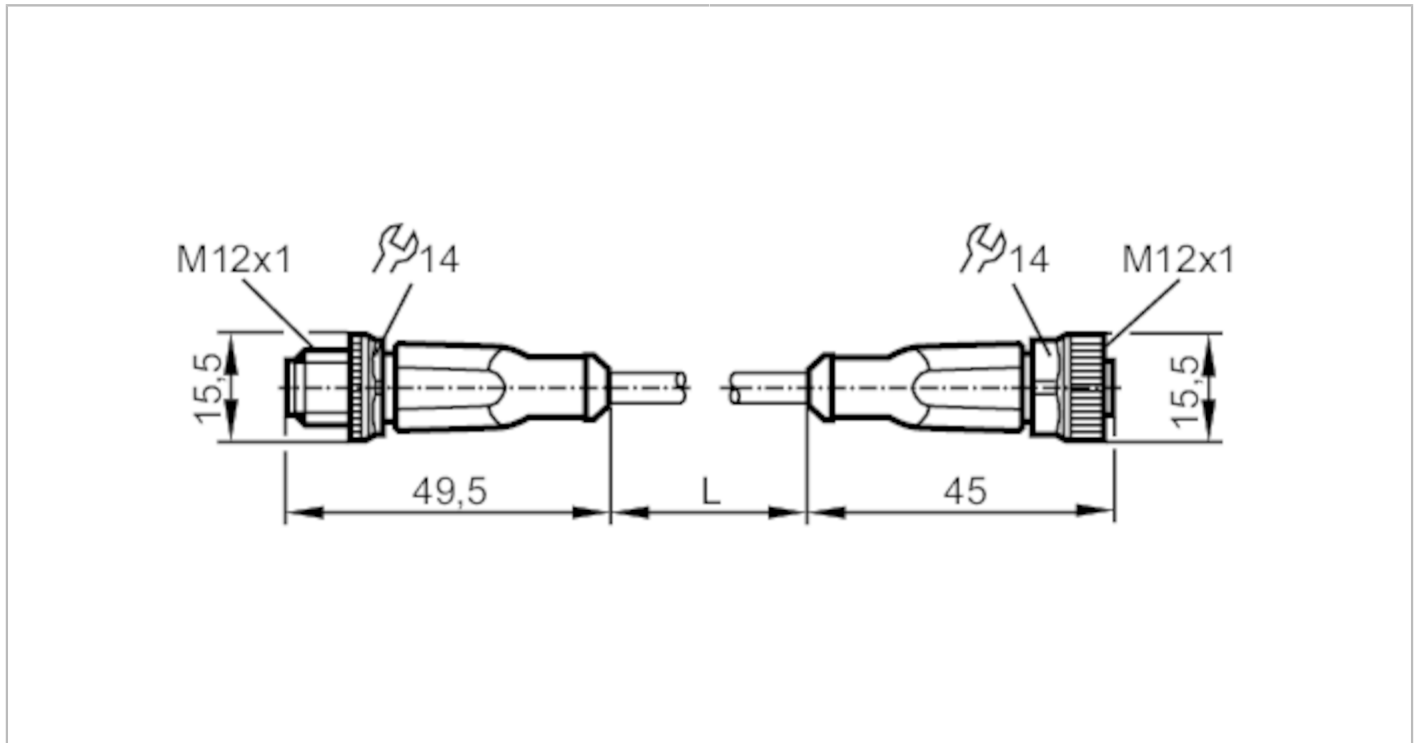


# EVC204



## Connection cable

VDOGH050MSS0040H05STGH050MSS



| Application                          |  |  |
|--------------------------------------|--|--|
| Special feature                      | Free from silicone; Gold-plated contacts; Drag chain suitability |  |
| Free from silicone                   | yes  |  |
| Electrical data                      |  |  |
| Operating voltage [V]                | < 60 AC/DC   |  |
| Protection class                     | II   |  |
| Max. current load total [A]          | 4; (cULus: 3)  |  |
| Operating conditions                 |  |  |
| Ambient temperature [°C]             | -25...90   |  |
| Note on ambient temperature          | cULus: ...75   |  |
| Ambient temperature (moving) [°C]    | -25...90   |  |
| Note on ambient temperature (moving) | cULus: ...75   |  |
| Protection                           | IP 65; IP 67; IP 68; IP 69K                                      |  |
| Mechanical data                      |  |  |
| Weight [g]                           | 255.2  |  |
| Materials                            | housing: TPU orange; Sealing: FKM                                |  |
| Material nut                         | brass, nickel-plated / brass, nickel-plated                      |  |
| 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 <sup>2</sup> |
|                                      | bending cycles   | > 5 Mio.   |
|                                      | torsional strain   | ± 180 °/m  |

# EVC204



## Connection cable

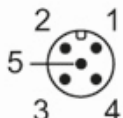
VDOGH050MSS0040H05STGH050MSS

### Remarks

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

### Electrical connection - plug

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



### Electrical connection

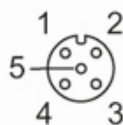
Cable: 40 m, PUR, black, Ø 4.6 mm; 5 x 0.34 mm<sup>2</sup> (42 x Ø 0.1 mm )

### Connection



### Electrical connection - socket

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

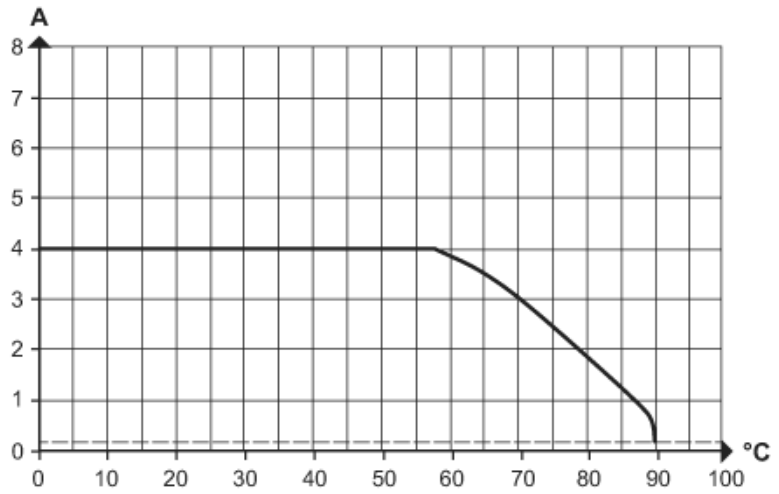




## Connection cable

VDOGH050MSS0040H05STGH050MSS

### Diagrams and graphs



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

X Ambient temperature [°C]

Y Current [A]