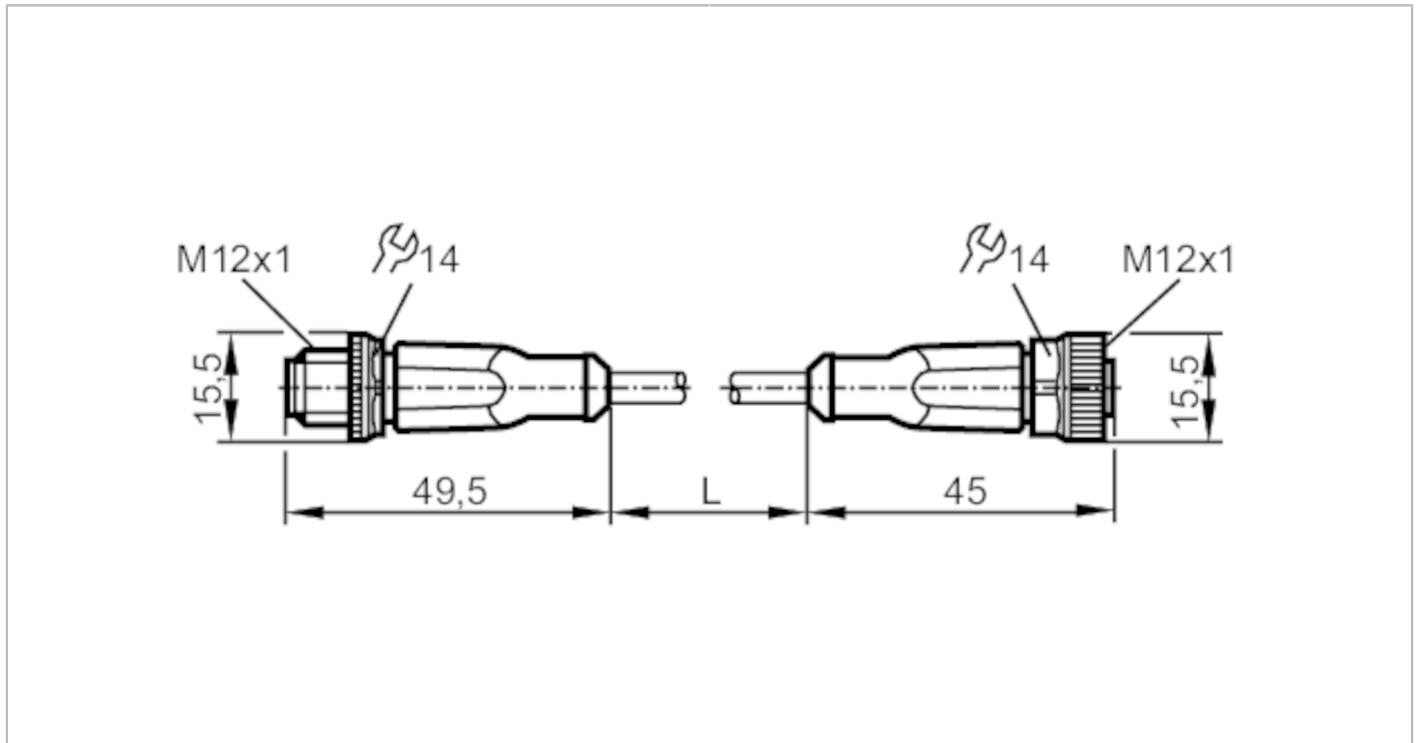


# EVW051



## Connection cable

VDOGH050SCS0002T05STGH050SCS



| Application                          |  |
|--------------------------------------|--|
| Special feature                      | Free from silicone; Halogen-free; Gold-plated contacts; Drag chain suitability |
| Application                          | welding applications   |
| 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 °C  |
| Ambient temperature (moving) [°C]    | -25...90   |
| Note on ambient temperature (moving) | cULus: ...75 °C  |
| Protection                           | IP 65; IP 67; IP 68; IP 69K  |

# EVW051



## Connection cable

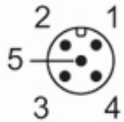
VDOGH050SCS0002T05STGH050SCS

| Mechanical data        |   |  |
|------------------------|---|--|
| Weight [g]             | 108.2                                     |  |
| Materials              | housing: TPU orange; Sealing: FKM         |  |
| Material nut           | brass, anti-spatter / brass, anti-spatter |  |
| 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                            | > 2 Mio.   |
|                        | torsional strain                          | ± 180 °/m  |

| Remarks       |                                 |
|---------------|---------------------------------|
| Remarks       | with 2 label holders 30 mm long |
| Pack quantity | 1 pcs.                          |

### Electrical connection - plug

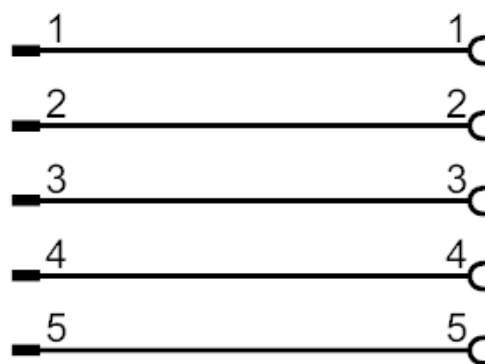
Connector: 1 x M12, straight; Locking: brass, anti-spatter; Contacts: gold-plated; Tightening torque: 0.6...1.5 Nm



### Electrical connection

Cable: 2 m, PUR, Halogen-free, grey, Ø 5.1 mm; not irradiated (can be recycled); resistant to welding sparks; 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, anti-spatter; Contacts: gold-plated; Tightening torque: 0.6...1.5 Nm

# EVW051

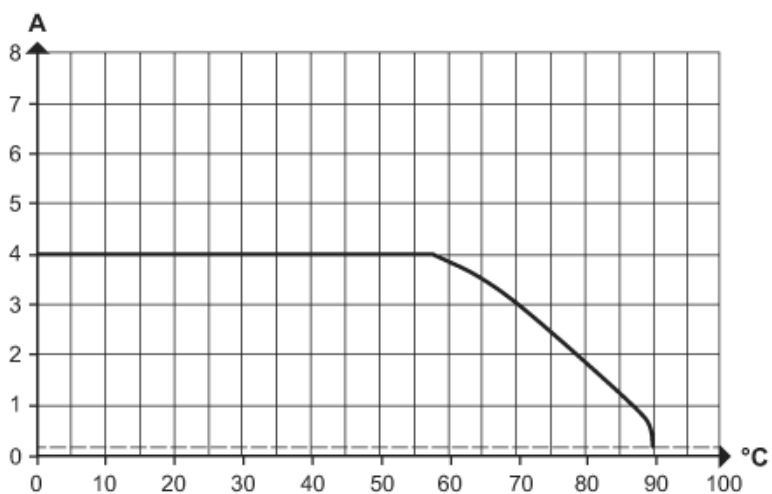


## Connection cable

VDOGH050SCS0002T05STGH050SCS



### Diagrams and graphs



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

X Ambient temperature [°C]

Y Current [A]