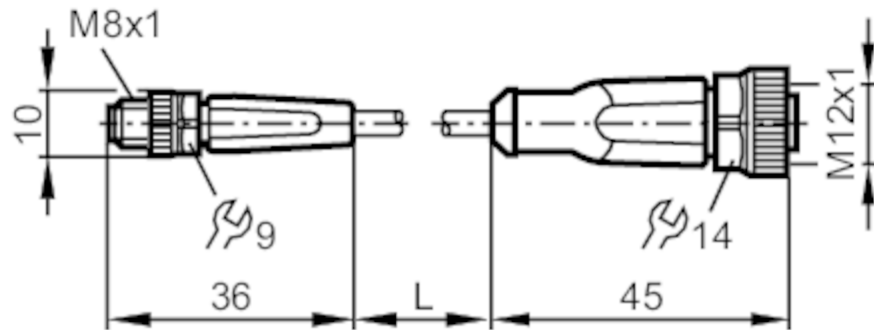


## Connection cable

VDOGH030SCS01,5T03STGF030SCS



### 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] | < 50 AC / < 60 DC |
| Protection class        |     | III               |
| Max. current load total | [A] | 3                 |

### Operating conditions

|                              |      |                             |
|------------------------------|------|-----------------------------|
| Ambient temperature          | [°C] | -25...90                    |
| Ambient temperature (moving) | [°C] | -25...90                    |
| Protection                   |      | IP 65; IP 67; IP 68; IP 69K |

### Mechanical data

|                        |                                 |                                                                                    |
|------------------------|---------------------------------|------------------------------------------------------------------------------------|
| Weight                 | [g]                             | 71.4                                                                               |
| Moulded-body material  |                                 | TPU                                                                                |
| Material nut           |                                 | brass, anti-spatter                                                                |
| 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/s² |
|                        | bending cycles                  | > 2 Mio.                                                                           |
|                        | torsional strain                | ± 180 °/m                                                                          |



## Connection cable

VDOGH030SCS01,5T03STGF030SCS

### Remarks

|               |                       |
|---------------|-----------------------|
| Remarks       | without label holders |
| Pack quantity | 1 pcs.                |

### Electrical connection - plug

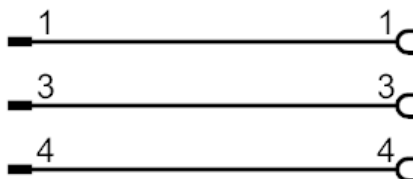
Connector: 1 x M8, straight; coding: A; Moulded body: TPU, orange; Locking: brass, anti-spatter; Contacts: gold-plated; Tightening torque: 0.3...0.5 Nm



### Electrical connection

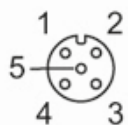
Cable: 1.5 m, PUR, Halogen-free, grey, Ø 4.5 mm; not irradiated (can be recycled); resistant to welding sparks; 3 x 0.25 mm<sup>2</sup> (32 x Ø 0.1 mm )

### Connection



### Electrical connection - socket

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





## Connection cable

VDOGH030SCS01,5T03STGF030SCS

### Diagrams and graphs

characteristic line for derating



- 1 Current [A]
- 2 Ambient temperature [°C]