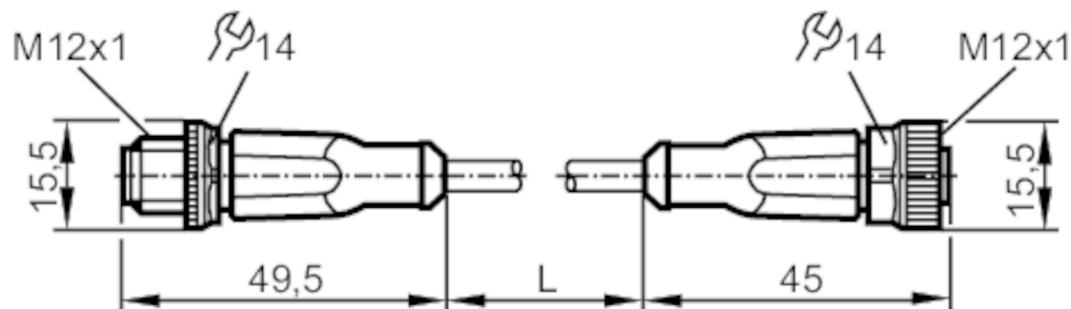


# EVW125



## Connection cable

VDOGH050SCS0003T05STGH050SCS



### 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          |

### 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                |
| 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] | 155                               |
| Materials    |     | housing: TPU orange; Sealing: FKM |
| Material nut |     | brass, anti-spatter               |



## Connection cable

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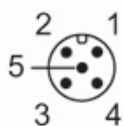
|                        |                                 |  |
|------------------------|---------------------------------|--|
| Drag chain suitability | yes                             |  |
| Drag chain suitability | bending radius for flexible use | min. 10 x cable diameter   |
|                        | 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

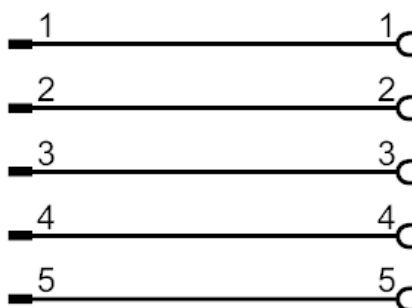
Connector: 1 x M12, straight; coding: A; Locking: brass, anti-spatter; Contacts: gold-plated; Tightening torque: 0.6...1.5 Nm



### Electrical connection

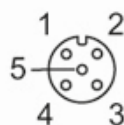
Cable: 3 m, PUR, Halogen-free, orange, Ø 5.1 mm; not irradiated (can be recycled); resistant to welding sparks; 5 x 0.34 mm<sup>2</sup> (42 x Ø 0.1 mm)

### Connection



### Electrical connection - socket

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

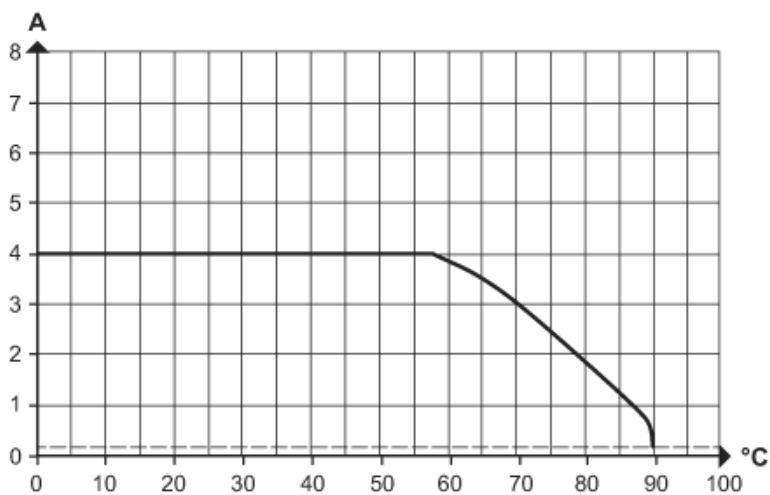




## Connection cable

VDOGH050SCS0003T05STGH050SCS

### Diagrams and graphs



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

X Ambient temperature [°C]

Y Current [A]