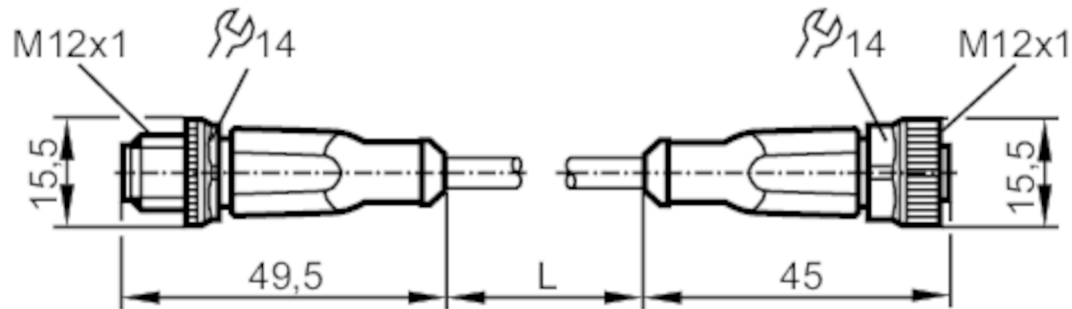


# EVW113



## Connection cable

VDOGH040SCS0001T04STGH040SCS



| 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]                                           | < 250 AC / < 300 DC                                                            |
| Protection class                                                | II                                                                             |
| Max. current load total [A]                                     | 4                                                                              |
| 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                                                                |
| 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]                                                      | 67.6                                                                           |
| Materials                                                       | housing: TPU orange; Sealing: FKM                                              |
| Material nut                                                    | brass, anti-spatter                                                            |



Connection cable

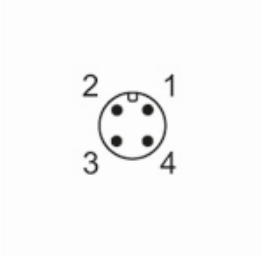
VDOGH040SCS0001T04STGH040SCS

|                        |                                 |                                                                                    |
|------------------------|---------------------------------|------------------------------------------------------------------------------------|
| 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                                                                          |

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

Electrical connection - plug

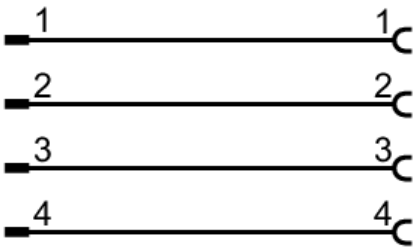
Connector: 1 x M12, straight; coding: A; Locking: brass, anti-spatter; Contacts: gold-plated; Tightening torque: 0.6...1.5 Nm



Electrical connection

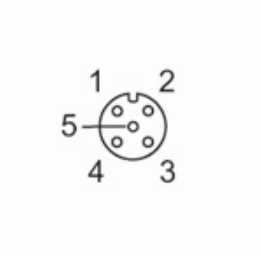
Cable: 1 m, PUR, Halogen-free, orange, Ø 4.9 mm; not irradiated (can be recycled); resistant to welding sparks; 4 x 0.34 mm² (42 x Ø 0.1 mm )

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

VDOGH040SCS0001T04STGH040SCS

### Diagrams and graphs

characteristic line for derating



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

X Ambient temperature [°C]

Y Current [A]