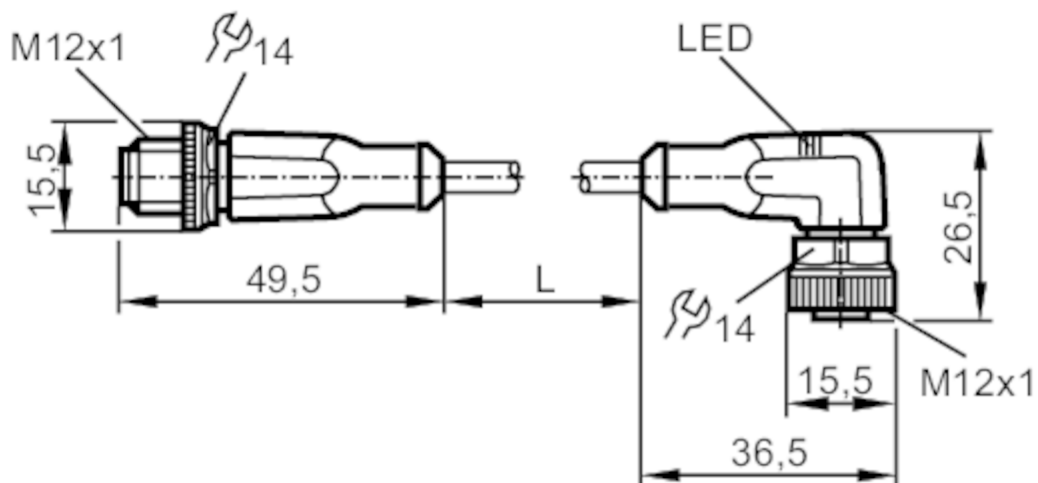


# EVW154



## Connection cable

VDOAH043SCS03,5T04STGH040SCS



### Application

|                    |                      |
|--------------------|----------------------|
| Application        | welding applications |
| Free from silicone | yes                  |

### Electrical data

|                             |            |
|-----------------------------|------------|
| Operating voltage [V]       | 10...36 DC |
| Protection class            | II         |
| Max. current load total [A] | 4          |

### Outputs

|                   |     |
|-------------------|-----|
| Electrical design | PNP |
|-------------------|-----|

### 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 |



## Connection cable

VDOAH043SCS03,5T04STGH040SCS

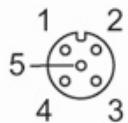
| Mechanical data        |                                                                                    |                                                                                                |
|------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| Weight                 | [g]                                                                                | 156.6                                                                                          |
| Dimensions             | [mm]                                                                               | 15.5 x 15.5 x 49.5                                                                             |
| Materials              | connector housing: TPU orange; socket housing: TPU black transparent; Sealing: FKM |                                                                                                |
| Material nut           | brass / brass                                                                      |                                                                                                |
| 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                                                                                      |
| Drag chain suitability | yes                                                                                |                                                                                                |

| Displays / operating elements |                  |                 |
|-------------------------------|------------------|-----------------|
| Display                       | switching status | 2 x LED, yellow |
|                               | operation        | 1 x LED, green  |

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

| Electrical connection                                                                                                          |  |
|--------------------------------------------------------------------------------------------------------------------------------|--|
| Cable: 3.5 m, PUR, Halogen-free, orange, Ø 4.9 mm; not irradiated (can be recycled); 4 x 0.34 mm <sup>2</sup> (42 x Ø 0.1 mm ) |  |
| Cable: 3.5 m, PUR, Halogen-free, orange, Ø 4.9 mm; resistant to welding sparks; 4 x 0.34 mm <sup>2</sup> (42 x Ø 0.1 mm )      |  |

| Electrical connection - socket                                                                                   |  |
|------------------------------------------------------------------------------------------------------------------|--|
| Connector: 1 x M12, angled; Locking: brass, anti-spatter; Contacts: gold-plated; Tightening torque: 0.6...1.5 Nm |  |



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





## Connection cable

VDOAH043SCS03,5T04STGH040SCS

### Connection

