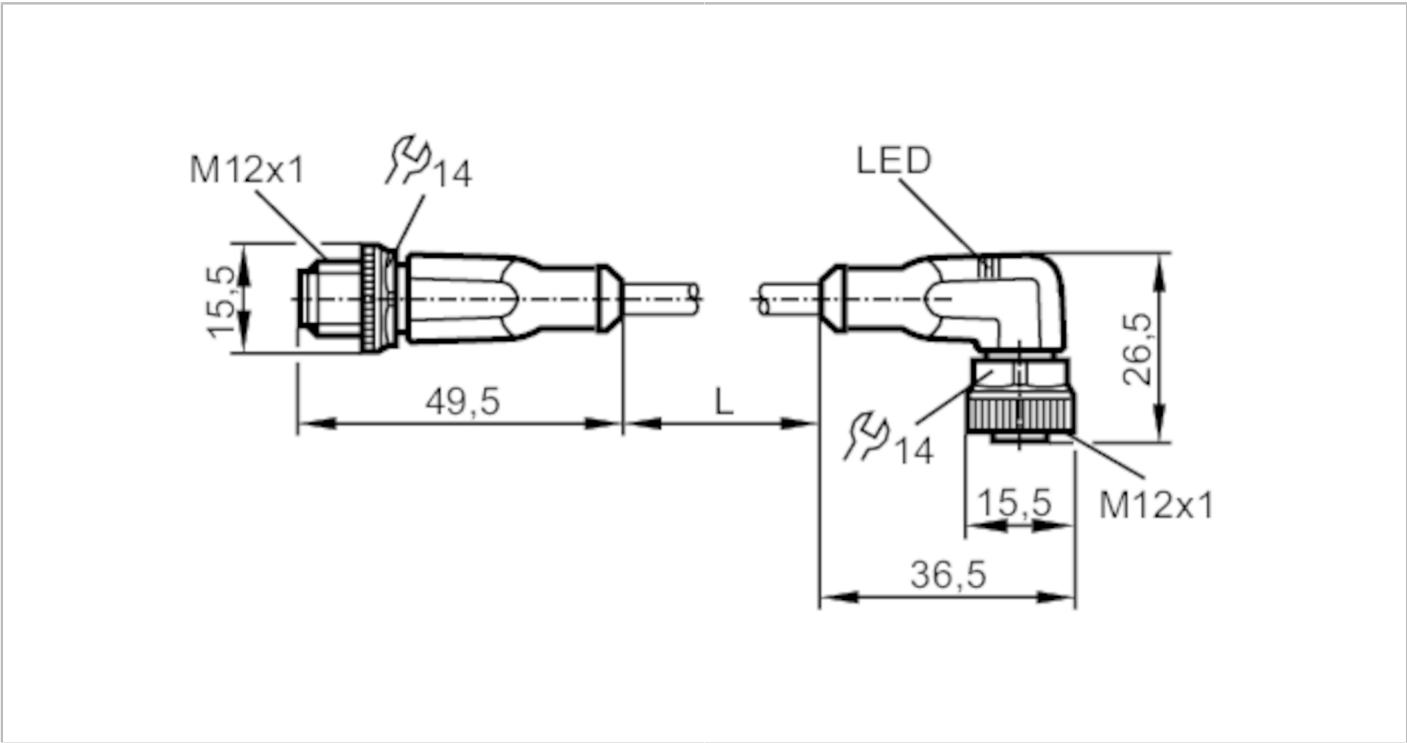


# EVW041



## Connection cable

VDOAH043SCS0005T04STGH040SCS



| Application                          |         |                                                                                |
|--------------------------------------|---------|--------------------------------------------------------------------------------|
| System                               |         | Free from silicone; Halogen-free; gold-plated contacts; Drag chain suitability |
| 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                                                    |
| Tests / approvals                    |         |                                                                                |
| MTTF                                 | [years] | 20027                                                                          |
| Mechanical data                      |         |                                                                                |
| Weight                               | [g]     | 192.3                                                                          |
| Dimensions                           | [mm]    | 15.5 x 15.5 x 49.5                                                             |
| Molded-body material                 |         | TPU (urethane)                                                                 |



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|                        |                                          |                                                                                                |
|------------------------|------------------------------------------|------------------------------------------------------------------------------------------------|
| Material nut           | brass, weld coated                       |                                                                                                |
| Sealing material       | FKM                                      |                                                                                                |
| Drag chain suitability | yes                                      |                                                                                                |
| Drag chain suitability | Bending radius for flexible applications | 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                                                                                      |

### Displays / operating elements

|         |                  |                 |
|---------|------------------|-----------------|
| Display | Switching status | 2 x LED, yellow |
|         | Power            | 1 x LED, green  |

### Remarks

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

### Electrical connection - plug

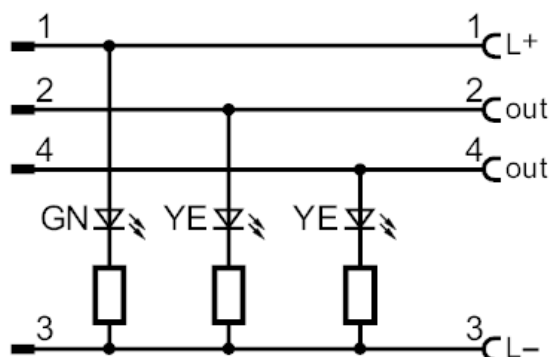
Connector: 1 x M12, straight; coding: A; Moulded body: TPU (urethane), orange; Locking: brass, weld coated; Contacts: gold-plated; Tightening torque: 0.6...1.5 Nm



### Electrical connection

Cable: 5 m, PUR, Halogen-free, grey, Ø 4.9 mm; not irradiated (can be recycled); resistant to welding sparks; 4 x 0.34 mm<sup>2</sup> (42 x Ø 0.1 mm )

### Connection





## Connection cable

VDOAH043SCS0005T04STGH040SCS

### Electrical connection - Socket

Connector: 1 x M12, angled; coding: A; Moulded body: TPU (urethane), black transparent; Locking: brass, weld coated; sealing: FKM; Contacts: gold-plated; Tightening torque: 0.6...1.5 Nm

