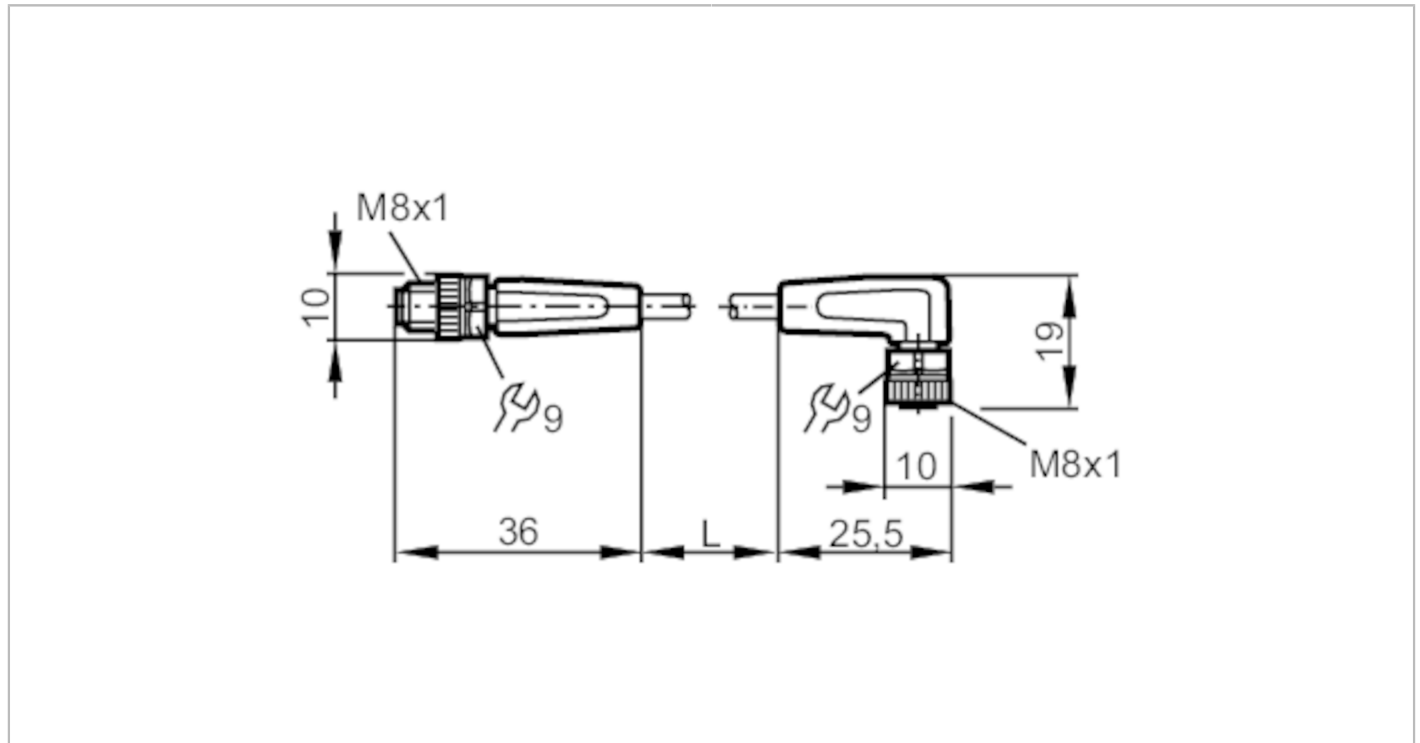


# EVC451



## Connection cable

VDOAF030MSS00,9H03STGF030MSS



| Application                          |  |
|--------------------------------------|--|
| Special feature                      | Free from silicone; Halogen-free; Gold-plated contacts; Drag chain suitability |
| 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   |
| Note on ambient temperature          | cULus: ...80   |
| Ambient temperature (moving) [°C]    | -25...90   |
| Note on ambient temperature (moving) | cULus: ...80   |
| Protection                           | IP 65; IP 67; IP 68; IP 69K  |

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| Mechanical data        |   |  |
|------------------------|---|--|
| Weight [g]             | 35.9  |  |
| Dimensions [mm]        | 10 x 10 x 36                                |  |
| Materials              | housing: TPU orange; Sealing: FKM           |  |
| Material nut           | brass, nickel-plated / brass, nickel-plated |  |
| 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                              | > 5 Mio.   |
|                        | torsional strain                            | ± 180 °/m  |

## Remarks

|               |        |
|---------------|--------|
| Pack quantity | 1 pcs. |
|---------------|--------|

## Electrical connection - plug

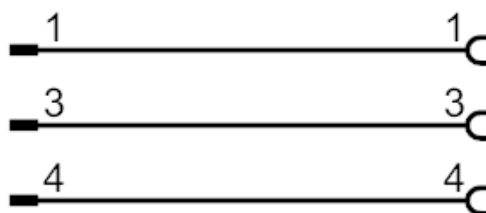
Connector: 1 x M8, straight; Locking: brass, nickel-plated; Contacts: gold-plated; Tightening torque: 0.3...0.5 Nm



## Electrical connection

Cable: 0.9 m, PUR, Halogen-free, black, Ø 3.7 mm; 3 x 0.25 mm<sup>2</sup> (32 x Ø 0.1 mm )

## Connection



## Electrical connection - socket

Connector: 1 x M8, angled; Locking: brass, nickel-plated; Contacts: gold-plated; Tightening torque: 0.3...0.5 Nm

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