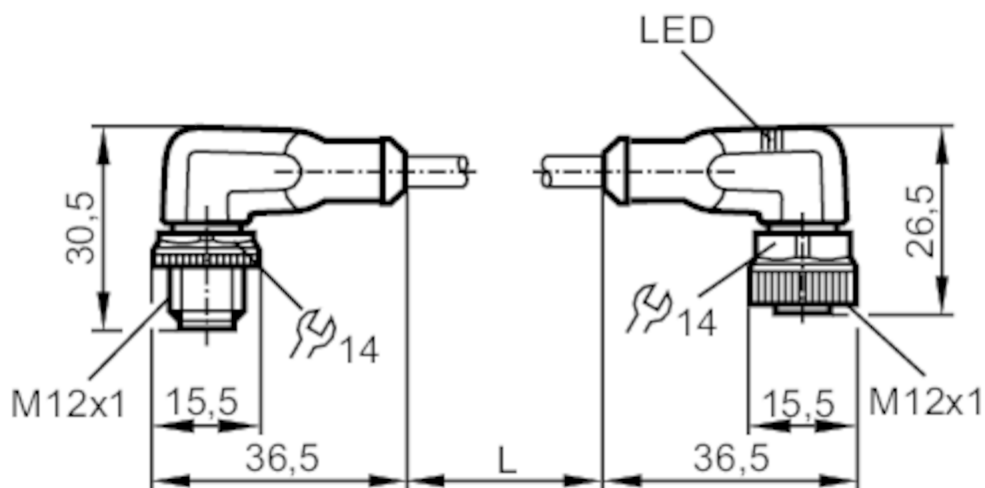




## Connection cable

VDOAH043MSS0002H04STAH040MSS

Please see the technical note under "Downloads"



## Application

|                    |                                                                                |
|--------------------|--------------------------------------------------------------------------------|
| Special feature    | Free from silicone; Halogen-free; Gold-plated contacts; Drag chain suitability |
| 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 [ANN] | 20027 |
|------------|-------|

## Mechanical data

|                 |                    |
|-----------------|--------------------|
| Weight [g]      | 91.4               |
| Dimensions [mm] | 30.5 x 15.5 x 36.5 |



## Connection cable

VDOAH043MSS0002H04STAH040MSS

|                        |                                 |                                                                                                |
|------------------------|---------------------------------|------------------------------------------------------------------------------------------------|
| Moulded-body material  | TPU                             |                                                                                                |
| Material nut           | brass, nickel-plated            |                                                                                                |
| Sealing material       | FKM                             |                                                                                                |
| 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                                                                                      |

## Displays / operating elements

|         |                  |                 |
|---------|------------------|-----------------|
| Display | switching status | 2 x LED, yellow |
|         | operation        | 1 x LED, green  |

## Remarks

|               |                                                 |  |
|---------------|-------------------------------------------------|--|
| Notes         | Please see the technical note under "Downloads" |  |
| Pack quantity | 1 pcs.                                          |  |

## Electrical connection - plug

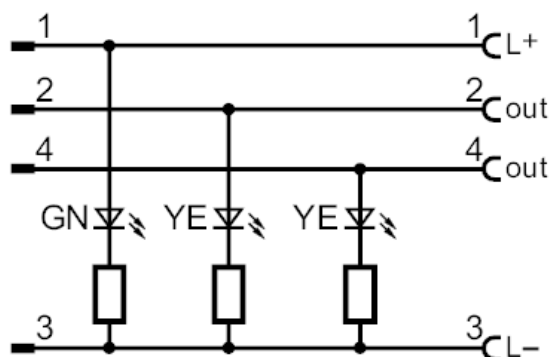
Connector: 1 x M12, angled; coding: A; Moulded body: TPU, orange; Locking: brass, nickel-plated; Contacts: gold-plated; Tightening torque: 0.6...1.5 Nm



## Electrical connection

Cable: 2 m, PUR, Halogen-free, black, Ø 4.3 mm; 4 x 0.34 mm<sup>2</sup> (42 x Ø 0.1 mm )

## Connection



# EVC038



## Connection cable

VDOAH043MSS0002H04STAH040MSS

### Electrical connection - socket

Connector: 1 x M12, angled; coding: A; Moulded body: TPU, black transparent; Locking: brass, nickel-plated; Sealing: FKM;  
Contacts: gold-plated; Tightening torque: 0.6...1.5 Nm

