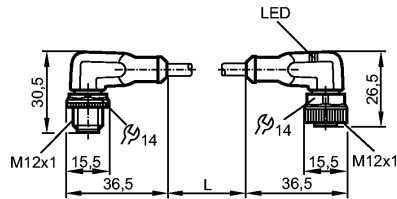


## EVC039

VDOAH043MSS0005H04STAHO40MSS

Connection technology



### Product characteristics

Jumper

M12 plug / M12 socket

Free from silicone

Free from halogen

Gold-plated contacts

### Electrical data

|                       |  |            |
|-----------------------|--|------------|
| Electrical design     |  | DC PNP     |
| Operating voltage [V] |  | 10...36 DC |
| Current rating [A]    |  | 4          |
| Protection class      |  | II         |

### Environment

|                                   |  |                                |
|-----------------------------------|--|--------------------------------|
| Ambient temperature [°C]          |  | -25...90, cRUUs: max. 75 °C    |
| Ambient temperature (moving) [°C] |  | -25...90, cRUUs: max. 75 °C    |
| Protection                        |  | IP 65 / IP 67 / IP 68 / IP 69K |

### Tests / approvals

|              |  |       |
|--------------|--|-------|
| MTTF [Years] |  | 20027 |
|--------------|--|-------|

### Mechanical data

|  |  |   |
|--|--|---|
| Design                                 |  | angled / angled   |
| Material body                          |  | housing connector: TPU orange; housing socket: TPU black transparent; sealing: Viton  |
| Material nut                           |  | Brass; nickel-plated  |
| Tightening torque for knurled nut [Nm] |  | plug: 0.6...1.5 *) / socket: 0.6...1.5  |
| Drag chain suitability                 |  | <p>Bending radius for flexible applications:</p> <p>min. 10 x cable diameter<br/>max. 3.3 m/s for a horizontal travel length of 5 m and max. acceleration of 5 m/s<sup>2</sup></p> <p>Travel speed: &gt; 5 million</p> <p>Bending cycles: &gt; 5 million</p> <p>Torsional strain: ± 180 °/m</p> |
| Weight [kg]                            |  | 0.191   |

### Displays / operating elements

|                              |  |            |
|------------------------------|--|------------|
| Output status indication LED |  | 2 x yellow |
| Operation LED                |  | green      |

### Electrical connection

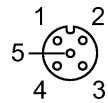
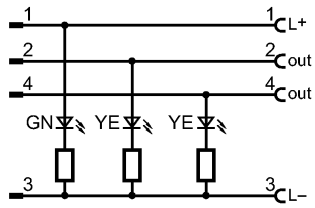
|               |  |  |
|---------------|--|--|
| Connection    |  | PUR cable / 5 m;<br>4 x 0.34 mm <sup>2</sup> (42 x Ø 0.1 mm); Ø 4.9 mm; halogen-free |
| Sheath colour |  | black  |

### Wiring

## EVC039

VDOAH043MSS0005H04STAH040MSS

Connection technology



### Remarks

Remarks

\*) Take into account the maximum value of the counterpart!

Pack quantity

[piece]

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