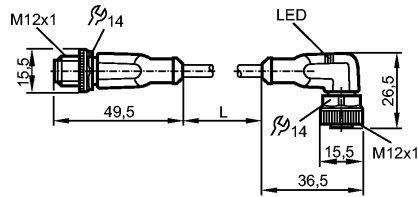


## EVC021

VDOAH043MSS00.6H04STGH040MSS

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                                 |      | straight / 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] | 0.052   |

### Displays / operating elements

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

### Electrical connection

|               |  |  |
|---------------|--|--|
| Connection    |  | PUR cable / 0.6 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  |

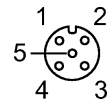
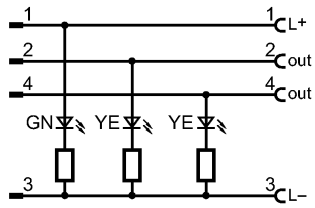
### Wiring



## EVC021

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### Remarks

Remarks

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

Pack quantity

[piece]

1