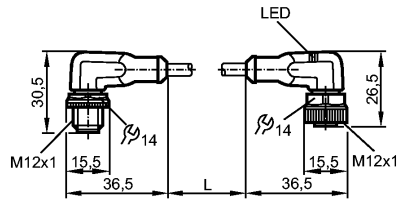


## EVC038

VDOAH043MSS0002H04STAHO40MSS

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
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### 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 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]		0.098

### Displays / operating elements

Output status indication LED		2 x yellow
Operation LED		green

### Electrical connection

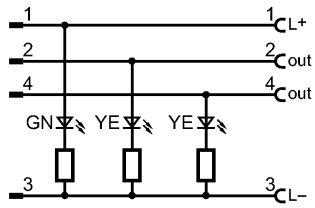
Connection		PUR cable / 2 m; 4 x 0.34 mm <sup>2</sup> (42 x Ø 0.1 mm); Ø 4.9 mm; halogen-free
Sheath colour		black

### Wiring

## EVC038

VDOAH043MSS0002H04STAH040MSS

Connection technology



### Remarks

Remarks

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

Pack quantity

[piece]

1