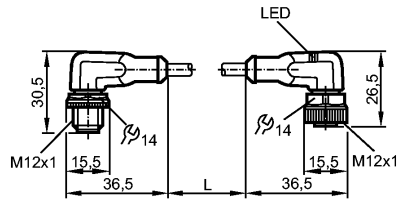


EVC035

VDOAH043MSS00.3H04STAH040MSS

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 max. 3.3 m/s for a horizontal travel length of 5 m and max. acceleration of 5 m/s²</p> <p>Travel speed: > 5 million</p> <p>Bending cycles: > 5 million</p> <p>Torsional strain: ± 180 °/m</p> |
| Weight [kg] | | 0.043 |

Displays / operating elements

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

Electrical connection

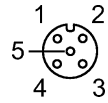
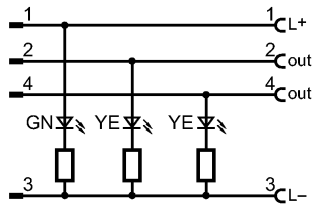
| | | |
|---------------|--|--|
| Connection | | PUR cable / 0.3 m; 4 x 0.34 mm ² (42 x Ø 0.1 mm); Ø 4.9 mm; halogen-free |
| Sheath colour | | black |

Wiring

EVC035

VDOAH043MSS00.3H04STAH040MSS

Connection technology



Remarks

Remarks

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

Pack quantity

[piece]

1