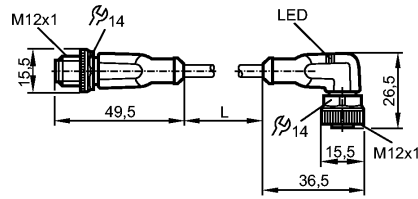


EVC020

VDOAH043MSS00.3H04STGH040MSS

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		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 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

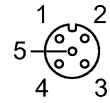
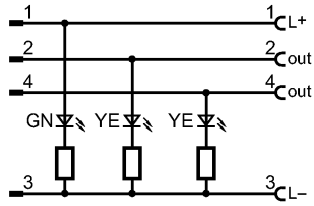
Connection		PUR cable / 0.3 m; 4 x 0.34 mm ² (42 x Ø 0.1 mm); Ø 4.9 mm; halogen-free
Sheath colour		black

Wiring

EVC020

VDOAH043MSS00.3H04STGH040MSS

Connection technology



Remarks

Remarks

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

Pack quantity

[piece]

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