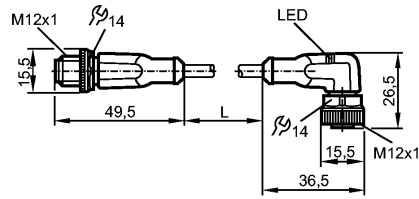


EVC023

VDOAH043MSS0002H04STGH040MSS

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 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]		0.096

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 ² (42 x Ø 0.1 mm); Ø 4.9 mm; halogen-free
Sheath colour		black

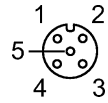
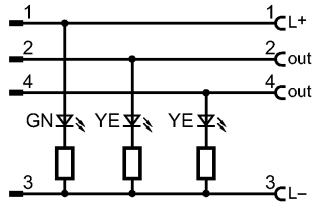
Wiring



EVC023

VDOAH043MSS0002H04STGH040MSS

Connection technology



Remarks

Remarks

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

Pack quantity

[piece]

1