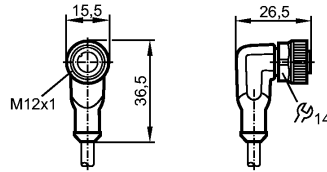


EVC542

ADOAH040MSS0005K04

Connection technology



Product characteristics

Socket

For sensors with

M12 connector

Free from silicone

Free from halogen

Gold-plated contacts

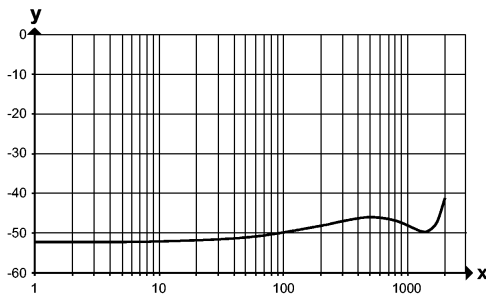
Electrical data

Electrical design		AC/DC
Operating voltage [V]		50 AC / 60 DC
Current rating [A]		4
Protection class		III

Shielding characteristics

x: Frequency in [MHz]

y: Shielding characteristics in [dB]



measured to DIN EN 60512-23-3

Environment

Ambient temperature [°C]	-25...90, cULus: max. 75 °C
Ambient temperature (moving) [°C]	-25...90, cULus: max. 75 °C
Protection	IP 65 / IP 67

Mechanical data

Design	angled
Material body	housing: TPU orange; sealing: Viton
Material nut	Brass; nickel-plated
Tightening torque for knurled nut [Nm]	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: Bending cycles: ≥ 2 million</p>

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	Torsional strain:	$\pm 180 \text{ }^\circ/\text{m}$
Weight	[kg]	0.215

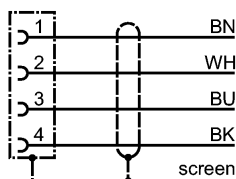
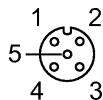
Electrical connection

Connection	PUR cable / 5 m; 4 x 0.34 mm ² (42 x \O 0.1 mm); \O 4.9 mm; halogen-free, screened, screen connected to the socket
Sheath colour	black

Wiring

Core colours

BK black
BN brown
BU blue
WH white



Remarks

Pack quantity	[piece]	1
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