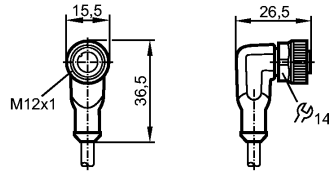


## EVC541

ADOAH040MSS0002K04

Connection technology



### Product characteristics

Socket

For sensors with

M12 connector

Free from silicone

Free from halogen

Gold-plated contacts

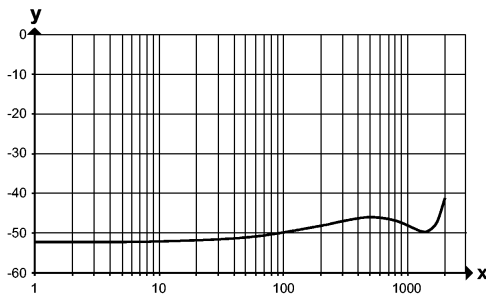
### Electrical data

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/s<sup>2</sup></p> <p>Travel speed: Bending cycles: ≥ 2 million</p>

## EVC541

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Connection technology

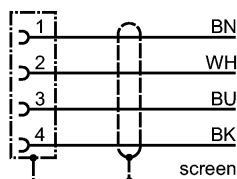
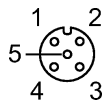
	Torsional strain:	$\pm 180 \text{ }^\circ/\text{m}$
Weight	[kg]	0.097

### Electrical connection

Connection	PUR cable / 2 m; 4 x 0.34 mm <sup>2</sup> (42 x $\text{\O} 0.1 \text{ mm}$ ); $\text{\O} 4.9 \text{ mm}$ ; 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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