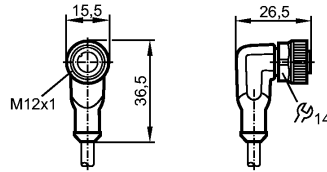


## EVC548

ADOAH050MSS0005K05

Connection technology



### Product characteristics

Socket

For sensors with

M12 connector

Free from silicone

Free from halogen

Gold-plated contacts

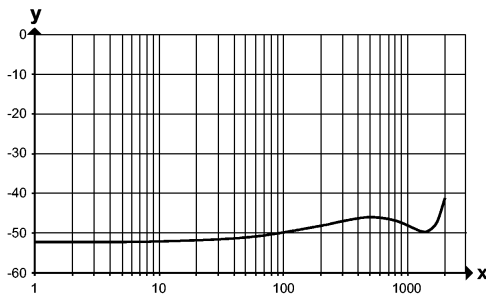
### Electrical data

Electrical design		AC/DC
Operating voltage [V]		30 AC / 36 DC
Current rating [A]		4; cULus: 3 A
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>

## EVC548

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	Torsional strain:	± 180 °/m
Weight	[kg]	0.212

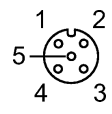
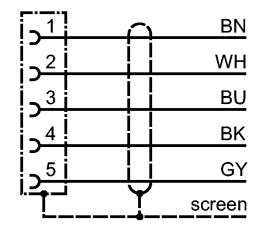
### Electrical connection

Connection	PUR cable / 5 m; 5 x 0.25 mm <sup>2</sup> (32 x Ø 0.1 mm); Ø 4.9 mm; halogen-free, screened, screen connected to the socket
Sheath colour	black

**Wiring**

Core colours

BK	black
BN	brown
BU	blue
GY	grey
WH	white

### Remarks

Pack quantity	[piece]	1
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