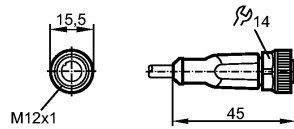


## EVC545

ADOGH050MSS0005K05

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

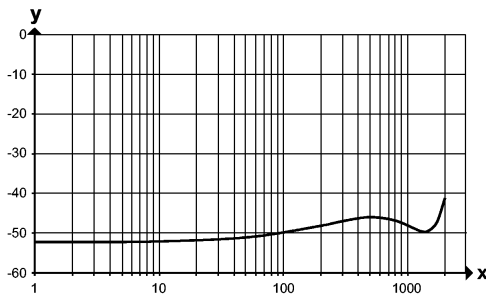
Protection class

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

straight

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

Bending radius for flexible applications:

min. 10 x cable diameter  
max. 3.3 m/s for a horizontal travel length of 5 m and max. acceleration

Travel speed:

of 5 m/s<sup>2</sup>

Bending cycles:

≥ 2 million

## EVC545

ADOGH050MSS0005K05

Connection technology

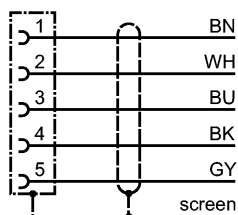
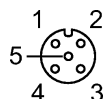
	Torsional strain:	± 180 °/m
Weight	[kg]	0.211

### 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
---------------	---------	---