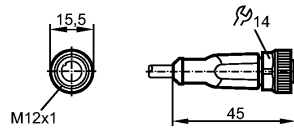


## EVC539

ADOGH040MSS0005K04

Connection technology



### Product characteristics

Socket

For sensors with

M12 connector

Free from silicone

Free from halogen

Gold-plated contacts

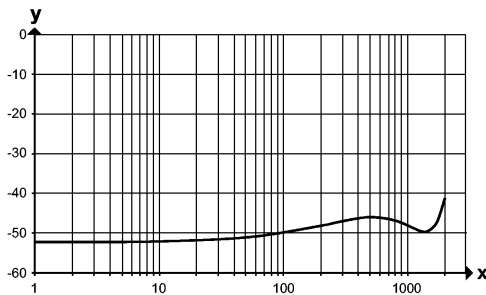
### Electrical data

|                       |  |               |
|-----------------------|--|---------------|
| 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                                 | 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                 | <p>Bending radius for flexible applications:</p> <p>min. 10 x cable diameter<br/>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:<br/>Bending cycles: ≥ 2 million</p> |

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|        |                   |                                   |
|--------|-------------------|-----------------------------------|
|        | Torsional strain: | $\pm 180 \text{ }^\circ/\text{m}$ |
| Weight | [kg]              | 0.212                             |

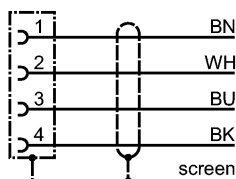
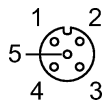
### Electrical connection

|               |  |
|---------------|--|
| Connection    | PUR cable / 5 m;<br>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 |
|---------------|---------|---|