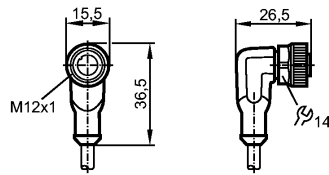


# EVC004

ADOAH040MSS0002H04

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] |  | 250 AC / 300 DC |
| Current rating [A]    |  | 4               |
| Protection class      |  | II              |

## 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 / IP 68 / IP 69K |

## 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                 |  | Bending radius for flexible applications:<br>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><br>Travel speed:<br>Bending cycles:<br>Torsional strain:<br>> 5 million<br>± 180 °/m |
| Weight [kg]                            |  | 0.081  |

## Electrical connection

|               |  |  |
|---------------|--|--|
| Connection    |  | PUR cable / 2 m;<br>4 x 0.34 mm <sup>2</sup> (42 x Ø 0.1 mm); Ø 4.9 mm; halogen-free |
| Sheath colour |  | black  |

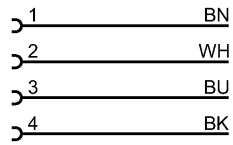
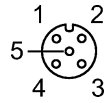
## Wiring

# EVC004

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Core colours  
BK black  
BN brown  
BU blue  
WH white



## Remarks

Pack quantity [piece] 1

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