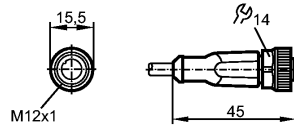


EVC070

ADOGH050MSS0002H05

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; cRUUs: 3 A |
| Protection class | | II |

Environment

| | | |
|------------------------------|------|--------------------------------|
| Ambient temperature | [°C] | -25...90, cRUUs: max. 75 °C |
| Ambient temperature (moving) | [°C] | -25...90, cRUUs: max. 75 °C |
| Protection | | IP 65 / IP 67 / IP 68 / IP 69K |

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 max. 3.3 m/s for a horizontal travel length of 5 m and max. acceleration of 5 m/s²</p> <p>Travel speed:</p> <p>Bending cycles:</p> <p>Torsional strain:</p> <p>> 5 million ± 180 °/m</p> |
| Weight | [kg] | 0.087 |

Electrical connection

| | | |
|---------------|--|--|
| Connection | | PUR cable / 2 m; 5 x 0.34 mm ² (42 x Ø 0.1 mm); Ø 4.9 mm; halogen-free |
| Sheath colour | | black |

Wiring

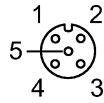


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Connection technology

Core colours
BK black
BN brown
BU blue
GY grey
WH white



┌1——— BN
┌2——— WH
┌3——— BU
┌4——— BK
┌5——— GY

Remarks

Pack quantity [piece] 1