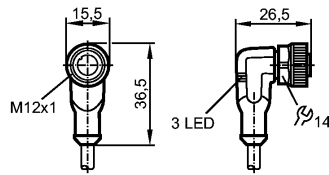


EVC008

ADOAH043MSS0005H04

Connection technology



Product characteristics

Socket

For sensors with

M12 connector

Free from silicone

Free from halogen

Gold-plated contacts

Electrical data

| | | |
|-------------------|-----|------------|
| Electrical design | | DC PNP |
| Operating voltage | [V] | 10...36 DC |
| Current rating | [A] | 4 |
| 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 |

Tests / approvals

| | | |
|------|---------|-------|
| MTTF | [Years] | 20027 |
|------|---------|-------|

Mechanical data

| | | |
|--|------|---|
| Design | | angled |
| Material body | | housing: TPU black transparent; 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] | 0.178 |

Displays / operating elements

| | | |
|--------------------------|-----|------------|
| Output status indication | LED | 2 x yellow |
| Operation | LED | green |

Electrical connection

| | | |
|---------------|--|--|
| Connection | | PUR cable / 5 m; 4 x 0.34 mm ² (42 x Ø 0.1 mm); Ø 4.9 mm; halogen-free |
| Sheath colour | | black |



EVC008

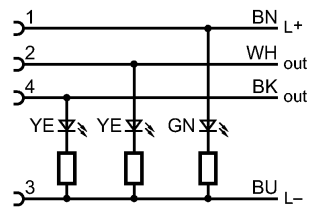
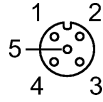
ADOAH043MSS0005H04

Connection technology

Wiring

Core colours

BK black
BN brown
BU blue
WH white



Remarks

Pack quantity [piece] 1