

# EVC561



## Connecting cable with socket

ADOGH050MSS0030C05



### Application

|                    |  |
|--------------------|--|
| Special feature    | Free from silicone; Halogen-free; Gold-plated contacts; Screened cable; Drag chain suitability |
| Free from silicone | yes  |

### Electrical data

|                                 |                   |
|---------------------------------|-------------------|
| Operating voltage [V]           | < 30 AC / < 36 DC |
| Protection class                | III               |
| Max. current load total [A]     | 4                 |
| Overall current rating (UL) [A] | 3                 |

### Operating conditions

|                                      |                             |
|--------------------------------------|-----------------------------|
| Ambient temperature [°C]             | -25...90                    |
| Note on ambient temperature          | cULus: ...75                |
| Ambient temperature (moving) [°C]    | -25...90                    |
| Note on ambient temperature (moving) | cULus: ...75                |
| Protection                           | IP 65; IP 67; IP 68; IP 69K |

### Mechanical data

|                        |                                   |
|------------------------|-----------------------------------|
| Weight [g]             | 1148.5                            |
| Dimensions [mm]        | 15.5 x 15.5 x 45                  |
| Materials              | housing: TPU orange; Sealing: FKM |
| Material nut           | brass, nickel-plated              |
| Drag chain suitability | yes                               |

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|                        |                                 |  |
|------------------------|---------------------------------|--|
| Drag chain suitability | bending radius for flexible use | min. 10 x cable diameter   |
|                        | travel speed                    | max. 3.3 m/s for a horizontal travel length of 5 m and max. acceleration of 5 m/s <sup>2</sup> |
|                        | bending cycles                  | ≥ 2 Mio.   |
|                        | torsional strain                | ± 180 °/m  |

### Remarks

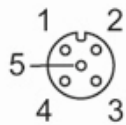
|               |        |
|---------------|--------|
| Pack quantity | 1 pcs. |
|---------------|--------|

### Electrical connection

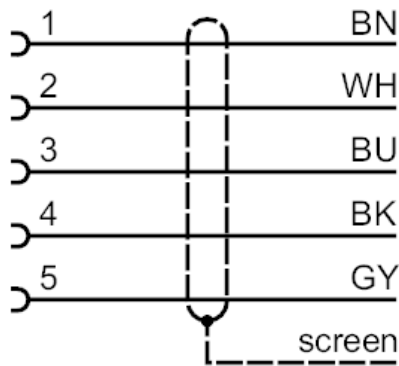
Cable: 30 m, PUR, Halogen-free, black, Ø 4.9 mm, shielded; 5 x 0.25 mm<sup>2</sup> (32 x Ø 0.1 mm )

### Electrical connection - socket

Connector: 1 x M12, straight; coding: A; Locking: brass, nickel-plated; Contacts: gold-plated; Tightening torque: 0.6...1.5 Nm;  
Shielded connection cable: screen not connected



### Connection



|      |                |
|------|----------------|
|      | Core colours : |
| BK = | black          |
| BN = | brown          |
| BU = | blue           |
| GY = | grey           |
| WH = | white          |