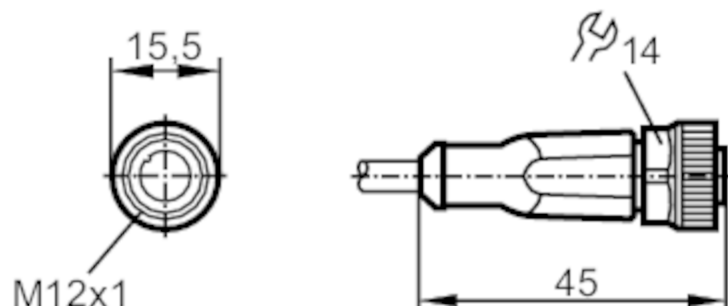


## Connecting cable with socket

ADOGH050MSS0030C05



### Application

|                    |                                                                                                |
|--------------------|------------------------------------------------------------------------------------------------|
| Special feature    | Free from silicone; Halogen-free; Gold-plated contacts; Screened cable; Drag chain suitability |
| Application        | Industrial applications / factory automation; Use in machine tools, coolants and lubricants    |
| 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     |
| Moulded-body material |      | TPU                  |
| Material nut          |      | brass, nickel-plated |
| Sealing material      |      | FKM                  |



## Connecting cable with socket

ADOGH050MSS0030C05

|                        |                                 |                                                                                                |
|------------------------|---------------------------------|------------------------------------------------------------------------------------------------|
| Drag chain suitability | yes                             |                                                                                                |
| 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

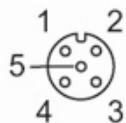
|               |        |
|---------------|--------|
| Pack quantity | 1 pcs. |
|---------------|--------|

## Electrical connection

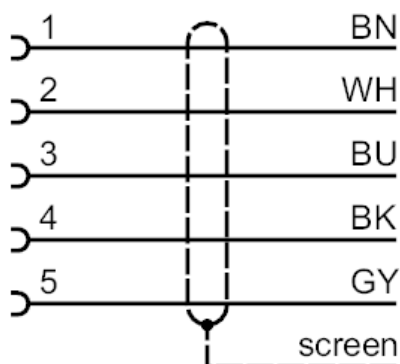
Cable: 30 m, PUR, Halogen-free, black, Ø 4.9 mm, shielded; 5 x 0.25 mm<sup>2</sup> (32 x Ø 0.1 mm )

## Electrical connection - socket

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



## Connection



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