

## Connecting cable with socket

ADOGH050VAS0002L05



## Application

|                    |                                                                                  |
|--------------------|----------------------------------------------------------------------------------|
| Special feature    | Free from silicone; Gold-plated contacts; Screened cable; Drag chain suitability |
| Application        | hygienic and wet areas in the food industry                                      |
| 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...100                   |
| Note on ambient temperature          |      | cULus: ...50                |
| Ambient temperature (moving)         | [°C] | 5...100                     |
| Note on ambient temperature (moving) |      | cULus: ...50                |
| Protection                           |      | IP 65; IP 67; IP 68; IP 69K |

## Mechanical data

|                        |      |                                    |
|------------------------|------|------------------------------------|
| Weight                 | [g]  | 112.2                              |
| Dimensions             | [mm] | 15.5 x 15.5 x 45                   |
| Materials              |      | housing: PVC orange; Sealing: EPDM |
| Material nut           |      | stainless steel (316L/1.4404)      |
| Drag chain suitability |      | yes                                |



Connecting cable with socket

ADOGH050VAS0002L05

|                        |                                 |                                                                                                |
|------------------------|---------------------------------|------------------------------------------------------------------------------------------------|
| 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                  | > 1 Mio.                                                                                       |
|                        | torsional strain                | ± 180 °/m                                                                                      |

Remarks

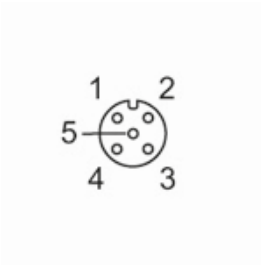
|               |        |
|---------------|--------|
| Pack quantity | 1 pcs. |
|---------------|--------|

Electrical connection

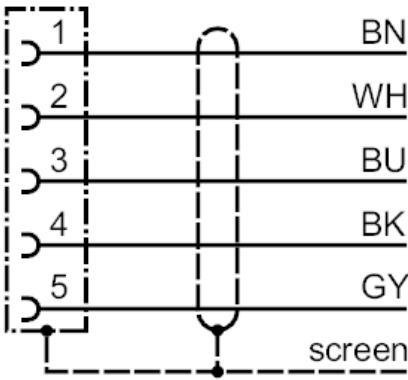
Cable: 2 m, PVC, orange, Ø 5.2 mm, shielded; 5 x 0.25 mm<sup>2</sup> (32 x Ø 0.1 mm )

Electrical connection - socket

Connector: 1 x M12, straight; coding: A; Locking: stainless steel (316L/1.4404); Contacts: gold-plated; Tightening torque: 0.6...1.5 Nm; Shielded connection cable: screen connected



Connection



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



## Connecting cable with socket

ADOGH050VAS0002L05

## Diagrams and graphs

## Shielding characteristics



x frequency (MHz)

y Shielding characteristics (dB)

according to DIN EN 60512-23-3