



## Female cordset

ADOGF040VAS0025E04



## Application

|                    |                                                                  |
|--------------------|------------------------------------------------------------------|
| System             | Free from silicone; gold-plated contacts; Drag chain suitability |
| Application        | sanitary and wet areas in the food industry                      |
| Free from silicone | yes                                                              |

## Electrical data

|                         |     |                   |
|-------------------------|-----|-------------------|
| Operating voltage       | [V] | < 50 AC / < 60 DC |
| Protection class        |     | III               |
| Max. current load total | [A] | 3                 |

## Operating conditions

|                                      |      |                             |
|--------------------------------------|------|-----------------------------|
| Ambient temperature                  | [°C] | -25...80                    |
| Note on ambient temperature          |      | cULus: ...50                |
| Ambient temperature (moving)         | [°C] | 5...80                      |
| Note on ambient temperature (moving) |      | cULus: ...50                |
| Protection                           |      | IP 65; IP 67; IP 68; IP 69K |

## Mechanical data

|                        |      |                                 |
|------------------------|------|---------------------------------|
| Weight                 | [g]  | 922                             |
| Dimensions             | [mm] | 10 x 10 x 31                    |
| Molded-body material   |      | PVC                             |
| Material nut           |      | stainless steel (1.4404 / 316L) |
| Sealing material       |      | EPDM                            |
| Drag chain suitability |      | yes                             |

# EVT137



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|                        |                                          |                                                                                                |
|------------------------|------------------------------------------|------------------------------------------------------------------------------------------------|
| Drag chain suitability | Bending radius for flexible applications | 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

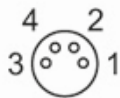
|               |        |
|---------------|--------|
| Pack quantity | 1 pcs. |
|---------------|--------|

### Electrical connection

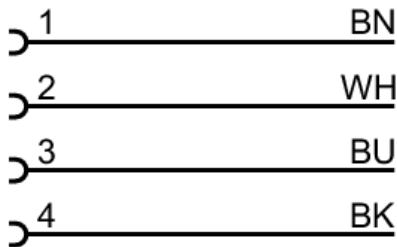
Cable: 25 m, PVC, orange, Ø 4.9 mm; 4 x 0.34 mm<sup>2</sup> (42 x Ø 0.1 mm )

### Electrical connection - Socket

Connector: 1 x M8, straight; coding: A; Moulded body: PVC, orange; Locking: stainless steel (1.4404 / 316L); sealing: EPDM;  
Contacts: gold-plated; Tightening torque: 0.3...0.5 Nm



### Connection



Core colors :  
BK = black  
BN = brown  
BU = blue  
WH = white



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## Diagrams and graphs

Characteristic curve for derating



- 1 Current [A]
- 2 Ambient temperature [°C]