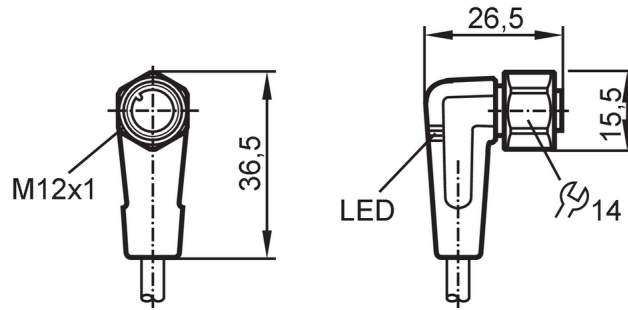


# EVT437



## Female cordset

ADOAH043VAS0070E04



### Application

|                    |                                                                  |
|--------------------|------------------------------------------------------------------|
| Special feature    | 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] | 10...36 DC |
| Protection class        |     | II         |
| Max. current load total | [A] | 4          |

### Outputs

|                   |     |
|-------------------|-----|
| Electrical design | PNP |
|-------------------|-----|

### 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 |

### Tests / approvals

|      |         |       |
|------|---------|-------|
| MTTF | [years] | 20027 |
|------|---------|-------|

### Mechanical data

|                        |                                          |                                                                                                |
|------------------------|------------------------------------------|------------------------------------------------------------------------------------------------|
| Weight                 | [g]                                      | 2560                                                                                           |
| Dimensions             | [mm]                                     | 26.5 x 15.5 x 36.5                                                                             |
| Molded-body material   |                                          | PVC                                                                                            |
| Material nut           |                                          | stainless steel (1.4404 / 316L)                                                                |
| Sealing material       |                                          | EPDM                                                                                           |
| Drag chain suitability |                                          | yes                                                                                            |
| 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                                                                                      |

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ADOAH043VAS0070E04

### Displays / operating elements

|         |                  |                 |
|---------|------------------|-----------------|
| Display | Switching status | 2 x LED, yellow |
|         | Power            | 1 x LED, green  |

### Remarks

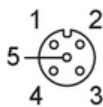
|               |        |
|---------------|--------|
| Pack quantity | 1 pcs. |
|---------------|--------|

### Electrical connection

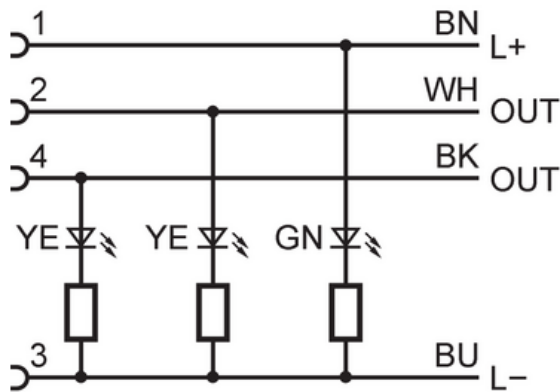
Cable: 70 m, PVC, orange, Ø 4.9 mm; 4 x 0.34 mm<sup>2</sup> (42 x Ø 0.1 mm )

### Electrical connection - Socket

Connector: 1 x M12, angled; coding: A; Contacts: 4, gold-plated; Moulded body: PVC, black transparent; Locking: stainless steel (1.4404 / 316L); sealing: EPDM; Tightening torque: 0.6...1.5 Nm



### Connection



BK = black  
BN = brown  
BU = blue  
WH = white

Core colors :