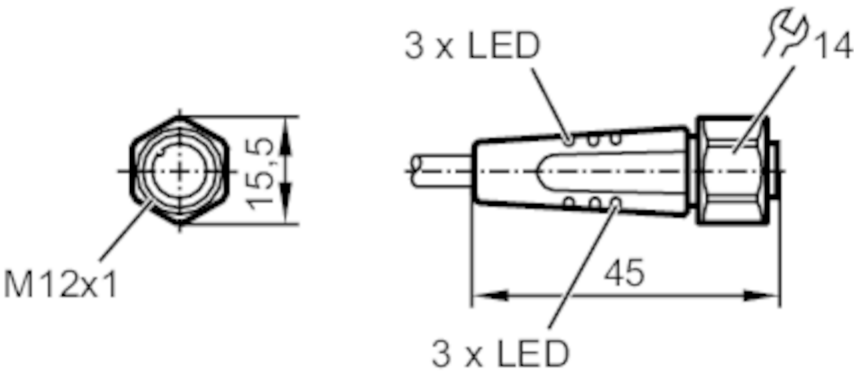


# EVF461



## Female cordset

ADOGH046VAS0002P04



| Application                  |      |                                                                                |
|------------------------------|------|--------------------------------------------------------------------------------|
| System                       |      | Free from silicone; Halogen-free; 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: ...65 °C                                                                |
| Ambient temperature (moving) | [°C] | 5...100                                                                        |
| Protection                   |      | IP 65; IP 67; IP 68; IP 69K                                                    |
| Mechanical data              |      |                                                                                |
| Weight                       | [g]  | 78.2                                                                           |
| Dimensions                   | [mm] | 15.5 x 15.5 x 45                                                               |
| Molded-body material         |      | PP, Halogen-free                                                               |
| Material nut                 |      | stainless steel (1.4404 / 316L)                                                |
| Sealing material             |      | EPDM                                                                           |
| Drag chain suitability       |      | yes                                                                            |

# EVF461



## Female cordset

ADOGH046VAS0002P04

|                        |                                          |                                                                                                |
|------------------------|------------------------------------------|------------------------------------------------------------------------------------------------|
| 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                                                                                      |

### Displays / operating elements

|         |                  |                 |
|---------|------------------|-----------------|
| Display | Switching status | 4 x LED, yellow |
|         | Power            | 2 x LED, green  |

### Remarks

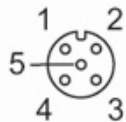
|               |        |
|---------------|--------|
| Pack quantity | 1 pcs. |
|---------------|--------|

### Electrical connection

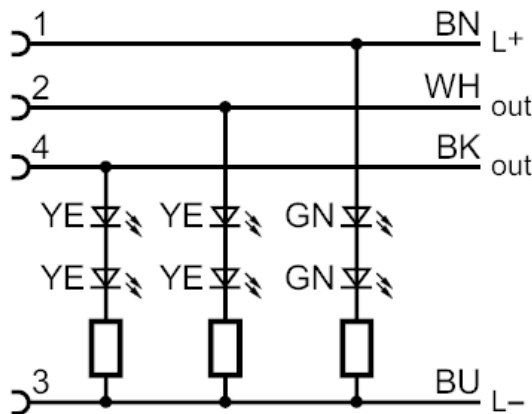
Cable: 2 m, MPPE, Halogen-free, grey, Ø 4.9 mm; 4 x 0.34 mm<sup>2</sup> (42 x Ø 0.1 mm )

### Electrical connection - Socket

Connector: 1 x M12, straight; coding: A; Moulded body: PP, Halogen-free; Locking: stainless steel (1.4404 / 316L); sealing: EPDM;  
Contacts: gold-plated; Tightening torque: 0.6...1.5 Nm



### Connection



### Core colors

|    |       |
|----|-------|
| BK | black |
| BN | brown |
| BU | blue  |
| WH | white |