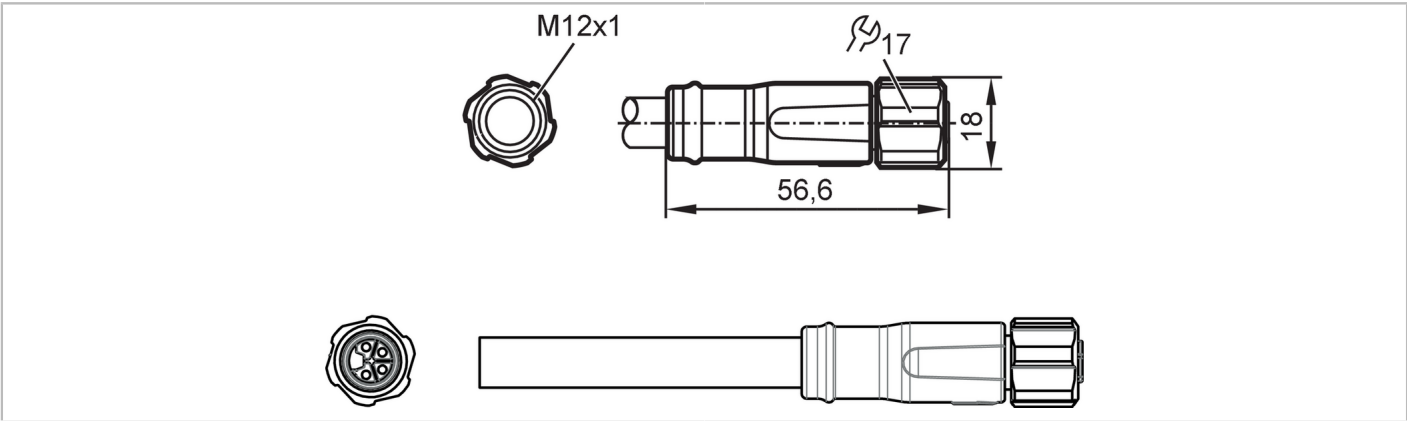


# EVF612



## Female cordset

ADOGE050VAS0005P05



| Application                                                     |                                                                                |                                                                                    |
|-----------------------------------------------------------------|--------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| Special feature                                                 | Free from silicone; Halogen-free; gold-plated contacts; Drag chain suitability |                                                                                    |
| Design                                                          | Power cable, L-coded                                                           |                                                                                    |
| Application                                                     | Washdown applications                                                          |                                                                                    |
| Free from silicone                                              | yes                                                                            |                                                                                    |
| Electrical data                                                 |                                                                                |                                                                                    |
| Operating voltage                                               | [V]                                                                            | 63 DC                                                                              |
| Protection class                                                |                                                                                | III                                                                                |
| Max. current load total                                         | [A]                                                                            | 16                                                                                 |
| Operating conditions                                            |                                                                                |                                                                                    |
| Ambient temperature                                             | [°C]                                                                           | -25...100                                                                          |
| Note on ambient temperature                                     |                                                                                | cULus: ...65 °C                                                                    |
| Storage temperature                                             | [°C]                                                                           | -25...55                                                                           |
| Storage humidity                                                | [%]                                                                            | 10...100                                                                           |
| Other climatic conditions for storage according to stated class |                                                                                | 1K22/ DIN 60721-3-1                                                                |
| Protection                                                      |                                                                                | IP 65; IP 67; IP 69K                                                               |
| Mechanical data                                                 |                                                                                |                                                                                    |
| Weight                                                          | [g]                                                                            | 958                                                                                |
| Molded-body material                                            |                                                                                | PP                                                                                 |
| 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/s² |
|                                                                 | Bending cycles                                                                 | > 1 Mio.                                                                           |
|                                                                 | Torsional strain                                                               | ± 180 °/m                                                                          |
| Remarks                                                         |                                                                                |                                                                                    |
| Pack quantity                                                   | 1 pcs.                                                                         |                                                                                    |

# EVF612



## Female cordset

ADOGE050VAS0005P05

### Electrical connection

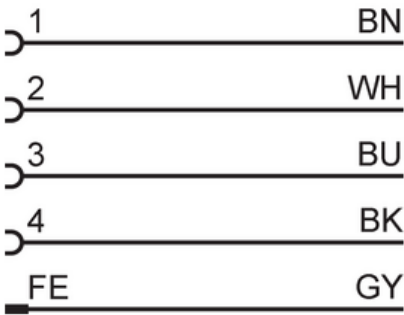
Cable: 5 m, MPPE, Halogen-free, grey, Ø 10.1 mm; 5 x 2.5 mm² (141 x Ø 0.15 mm )

### Electrical connection - Socket

Connector: 1 x M12, straight; coding: L; Contacts: 5, gold-plated; Moulded body: PP, grey; Locking: stainless steel (1.4404 / 316L); sealing: EPDM; Tightening torque: 0.6...1.2 Nm



### Connection



- Core colors :
- BK =

BN =

BU =

GY =

WH =

black

brown

blue

grey

white