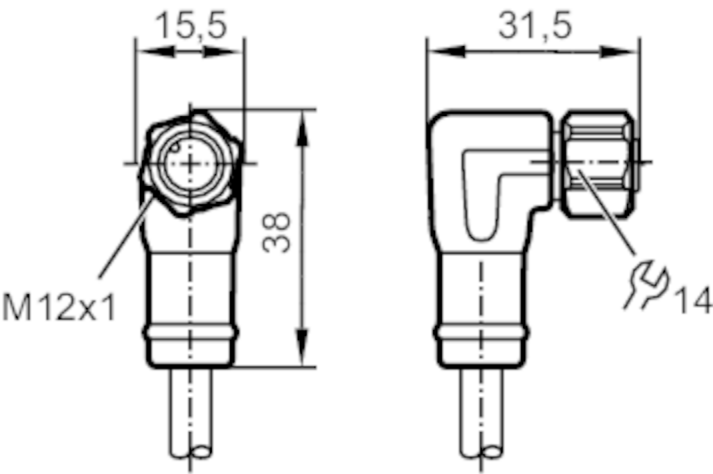


# EVF410



## Female cordset

ADOAH050VAS0005R05



| Application                                                     |      |                                                                                                |
|-----------------------------------------------------------------|------|------------------------------------------------------------------------------------------------|
| System                                                          |      | Free from silicone; Halogen-free; gold-plated contacts; screened cable; Drag chain suitability |
| Application                                                     |      | sanitary 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                                                                                              |
| Operating conditions                                            |      |                                                                                                |
| Ambient temperature                                             | [°C] | -25...100                                                                                      |
| Ambient temperature (moving)                                    | [°C] | 0...100                                                                                        |
| 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 68; IP 69K                                                                    |
| Mechanical data                                                 |      |                                                                                                |
| Weight                                                          | [g]  | 222.39                                                                                         |
| Dimensions                                                      | [mm] | 31.5 x 15.5 x 38                                                                               |
| Molded-body material                                            |      | PP, Halogen-free                                                                               |
| Material nut                                                    |      | stainless steel (1.4404 / 316L)                                                                |

EVF410



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

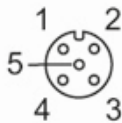
|               |        |
|---------------|--------|
| Pack quantity | 1 pcs. |
|---------------|--------|

Electrical connection

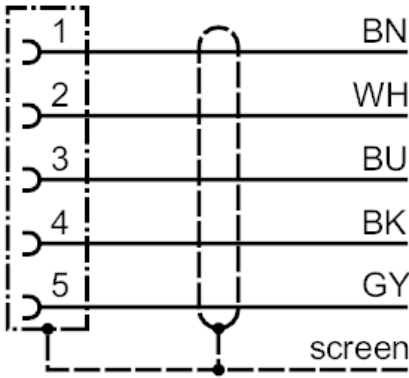
Cable: 5 m, MPPE, Halogen-free, grey, Ø 5.2 mm, screened; 5 x 0.25 mm² (32 x Ø 0.1 mm )

Electrical connection - Socket

Connector: 1 x M12, angled; 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; Shielded connection cable: shield connected



Connection



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

# EVF410

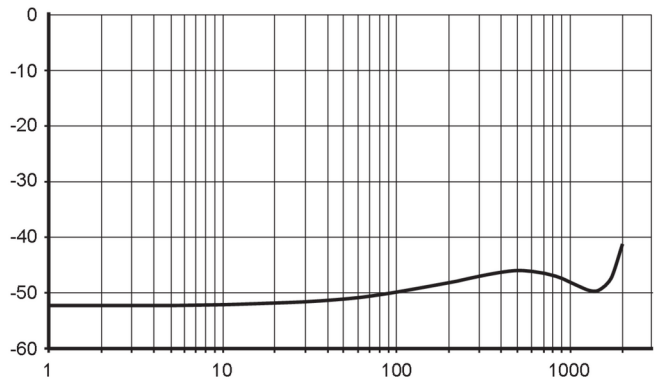


## Female cordset

ADOAH050VAS0005R05

### Diagrams and graphs

#### Shielding characteristics



x Frequency (MHz)  
y Shielding characteristics (dB)  
according to DIN EN 60512-23-3