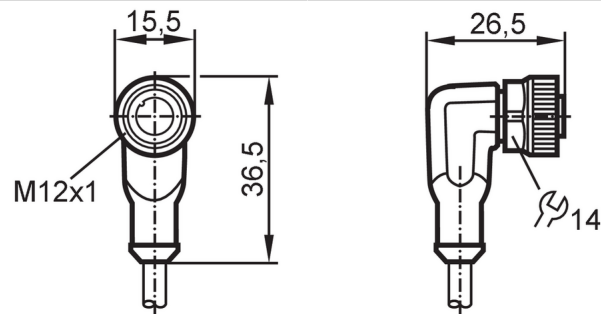


# EVC537



## Female cordset

ADOAH050MSS0010C05



### Application

|                    |                                                                                                |
|--------------------|------------------------------------------------------------------------------------------------|
| Special feature    | Free from silicone; Halogen-free; gold-plated contacts; screened cable; Drag chain suitability |
| Application        | Industrial applications; Oils and coolants                                                     |
| Free from silicone | yes                                                                                            |

### Electrical data

|                             |     |                   |
|-----------------------------|-----|-------------------|
| Operating voltage           | [V] | < 30 AC / < 36 DC |
| Protection class            |     | III               |
| Max. current load total     | [A] | 4                 |
| Overall current rating (UL) | [A] | 3                 |

### Operating conditions

|                                      |      |                             |
|--------------------------------------|------|-----------------------------|
| Ambient temperature                  | [°C] | -25...90                    |
| Note on ambient temperature          |      | cULus: ...75 °C             |
| Ambient temperature (moving)         | [°C] | -25...90                    |
| Note on ambient temperature (moving) |      | cULus: ...75 °C             |
| Protection                           |      | IP 65; IP 67; IP 68; IP 69K |

### Mechanical data

|                        |                                          |                                                                                    |
|------------------------|------------------------------------------|------------------------------------------------------------------------------------|
| Weight                 | [g]                                      | 397                                                                                |
| Dimensions             | [mm]                                     | 26.5 x 15.5 x 36.5                                                                 |
| Molded-body material   |                                          | TPU (urethane)                                                                     |
| Material nut           |                                          | brass, nickel-plated                                                               |
| Sealing material       |                                          | FKM                                                                                |
| 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                           | ≥ 2 Mio.                                                                           |
|                        | Torsional strain                         | ± 180 °/m                                                                          |

### Remarks

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

# EVC537



## Female cordset

ADOAH050MSS0010C05

### Electrical connection

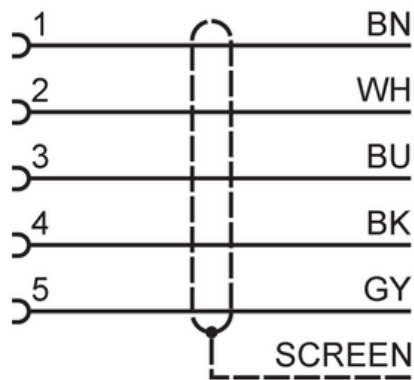
Cable: 10 m, PUR, Halogen-free, black, Ø 4.9 mm, screened; 5 x 0.25 mm<sup>2</sup> (32 x Ø 0.1 mm )

### Electrical connection - Socket

Connector: 1 x M12, angled; coding: A; Contacts: 5, gold-plated; Moulded body: TPU (urethane), orange; Locking: brass, nickel-plated; sealing: FKM; Tightening torque: 0.6...1.5 Nm; Shielded connection cable: shield not connected



### Connection



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