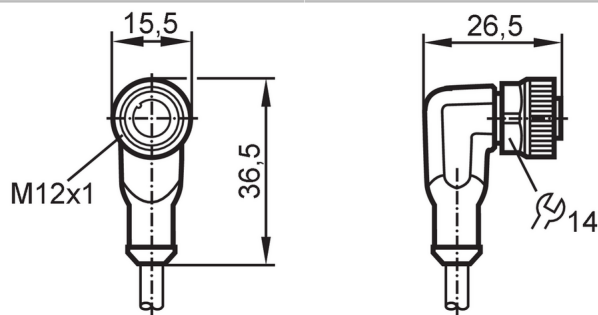


# EVCA10



## Female cordset

ADOAH050MSS0030C05



| 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]                                                                                            | 1156.8                                                                             |
| 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.                                                                                         |                                                                                    |

# EVCA10



## Female cordset

ADOAH050MSS0030C05

### Electrical connection

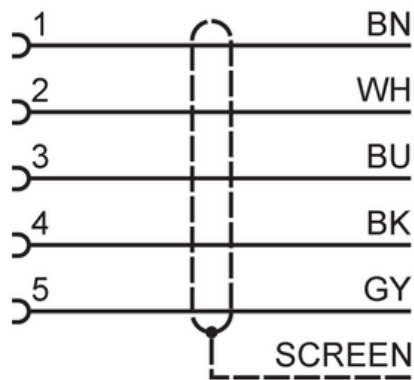
Cable: 30 m, PUR, Halogen-free, black, Ø 4.9 mm, screened; 5 x 0.25 mm<sup>2</sup> (32 x Ø 0.1 mm )

### 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         |