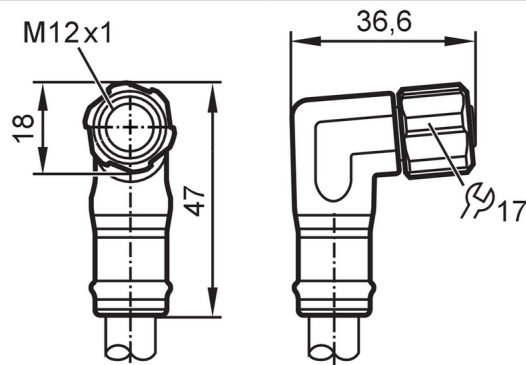


# EVCA22



## Female cordset

ADOAE050MSS0010H05



### Application

|                    |                                                                                |
|--------------------|--------------------------------------------------------------------------------|
| Special feature    | Free from silicone; Halogen-free; gold-plated contacts; Drag chain suitability |
| Design             | Power cable, L-coded                                                           |
| Application        | Industrial applications; Oils and coolants                                     |
| 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...90             |
| Note on ambient temperature                                     |      | cULus: ...80 °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]                                      | 1961.5                                                                             |
| 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                           | > 5 Mio.                                                                           |
|                        | Torsional strain                         | ± 180 °/m                                                                          |

### Remarks

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



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Electrical connection - Connection

Cable: 10 m, PUR, 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, angled; coding: L; Contacts: 5, gold-plated; Moulded body: TPU (urethane), orange; Locking: brass, nickel-plated; sealing: FKM; Tightening torque: 0.6...1.2 Nm



Connection

|    |    |
|----|----|
| 1  | BN |
| 2  | WH |
| 3  | BU |
| 4  | BK |
| FE | PK |

|      |               |
|------|---------------|
|      | Core colors : |
| BK = | black         |
| BN = | brown         |
| BU = | blue          |
| PK = | pink          |
| WH = | white         |