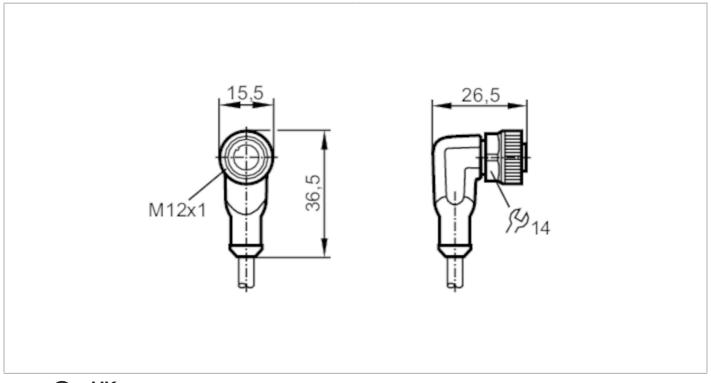
# **EVCA10**

# Connecting cable with socket

ADOAH050MSS0030C05







| Operating voltage [V] <a href="#">&lt; 30 AC / &lt; 36 DC</a> Protection class III  Max. current load total [A] Overall current rating (UL) [A]  Operating conditions  Ambient temperature [°C] Note on ambient temperature (°C] (moving)  Note on ambient temperature (°C] (moving)  Note on ambient temperature (°C] (moving)  Protection    V   | Application                 |      |                             |
|--|-----------------------------|------|-----------------------------|
| 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] -2590  Note on ambient temperature [°C] culus:75 °C  Ambient temperature [°C] -2590  Note on ambient temperature [°C] hotelens in the protection IP 65; IP 67; IP 68; IP 69K  Mechanical data  Weight [9] 1156.8  Moulded-body material IV brass, nickel-plated  Sealing material  Sealing material   | Special feature             |      |                             |
| Operating voltage [V] <a href="mailto:square"><a href="&lt;/td"><td>Free from silicone</td><td></td><td>yes</td></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a> | Free from silicone          |      | yes                         |
| Protection class  Max. current load total [A] Overall current rating (UL) [A]  Operating conditions  Ambient temperature [°C] Note on ambient temperature (°C] (moving) Note on ambient temperature (°C] (moving) Protection  Mechanical data  Weight [g] Moulded-body material  Material nut  Sealing material  Minument temperature (PKM)  III  4  4  CULus:75 °C  -2590  CULus:75 °C  CULus:75 °C  Protection  IP 65; IP 67; IP 68; IP 69K  Protection  TPU  Material nut  Brass, nickel-plated  FKM  | Electrical data             |      |                             |
| Max. current load total [A] 4 Overall current rating (UL) [A] 3  Operating conditions  Ambient temperature [°C] -2590 Note on ambient temperature (moving) Note on ambient temperature (culus:75 °C  Ambient temperature (culus:75 °C  Ambient temperature (moving)  Protection IP 65; IP 67; IP 68; IP 69K  Mechanical data  Weight [g] 1156.8  Moulded-body material  Material nut brass, nickel-plated  Sealing material  FKM   | Operating voltage           | [V]  | < 30 AC / < 36 DC           |
| Overall current rating (UL) [A] 3  Operating conditions  Ambient temperature [°C] -2590  Note on ambient temperature (°C] -2590  Note on ambient temperature (°C] (moving)  Note on ambient temperature (°C] (moving)  Protection IP 65; IP 67; IP 68; IP 69K  Mechanical data  Weight [g] 1156.8  Moulded-body material TPU  Material nut brass, nickel-plated  Sealing material FKM  | Protection class            |      | III                         |
| Operating conditions  Ambient temperature [°C] -2590  Note on ambient temperature (°C] (moving)  Note on ambient temperature (moving)  Note on ambient temperature (moving)  Protection IP 65; IP 67; IP 68; IP 69K  Mechanical data  Weight [g] 1156.8  Moulded-body material TPU  Material nut brass, nickel-plated  Sealing material  FKM   | Max. current load total     | [A]  | 4                           |
| Ambient temperature [°C]90 Note on ambient temperature75 °C  Ambient temperature (°C)90 Mote on ambient temperature (moving) Note on ambient temperature   | Overall current rating (UL) | [A]  | 3                           |
| Note on ambient temperature Ambient temperature (moving)  Note on ambient temperature (moving)  Protection  Mechanical data  Weight  [g]  Moulded-body material  Material nut  Sealing material  CULus:75 °C  -2590  CULus:75 °C  (ULus:75 °C  FOR SIP 68; IP 69K  1156.8  TPU  Divided-body material  FKM   | Operating conditions        |      |                             |
| Ambient temperature (noving)  Note on ambient temperature (moving)  Protection  Protection  Mechanical data  Weight  [g]  Moulded-body material  Material nut  Sealing material  [°C]  -2590  CULus:75 °C  CULus:75 °C  1P 65; IP 67; IP 68; IP 69K  1156.8  TPU  Material nut  brass, nickel-plated  FKM  | Ambient temperature         | [°C] | -2590                       |
| (moving)  Note on ambient temperature (moving)  Protection  IP 65; IP 67; IP 68; IP 69K  Mechanical data  Weight  [g]  Moulded-body material  Material nut  Sealing material  FKM  | Note on ambient temperature |      | cULus:75 °C                 |
| (moving) Protection IP 65; IP 67; IP 68; IP 69K  Mechanical data  Weight [g] 1156.8  Moulded-body material TPU  Material nut brass, nickel-plated  Sealing material FKM  |                             | [°C] | -2590                       |
| Mechanical dataWeight[g]1156.8Moulded-body materialTPUMaterial nutbrass, nickel-platedSealing materialFKM  |                             |      | cULus:75 °C                 |
| Weight [g] 1156.8  Moulded-body material TPU  Material nut brass, nickel-plated  Sealing material FKM  | Protection                  |      | IP 65; IP 67; IP 68; IP 69K |
| Moulded-body material  Material nut  Sealing material  FKM   | Mechanical data             |      |                             |
| Material nut brass, nickel-plated Sealing material FKM   | Weight                      | [g]  | 1156.8                      |
| Sealing material FKM   | Moulded-body material       |      | TPU                         |
|  | Material nut                |      | brass, nickel-plated        |
| Drag chain suitability yes   | Sealing material            |      | FKM                         |
|  | Drag chain suitability      |      | yes                         |

### **EVCA10**

### Connecting cable with socket





| Drag chain suitability | bending radius for flexible use | min. 10 x cable diameter   |
|------------------------|---------------------------------|--|
|                        | travel speed bending cycles     | max. 3.3 m/s for a horizontal travel length of 5 m and max. acceleration of 5 m/s <sup>2</sup> |
|                        |                                 | ≥ 2 Mio.   |
|                        | torsional strain                | ± 180 °/m  |

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

#### **Electrical connection**

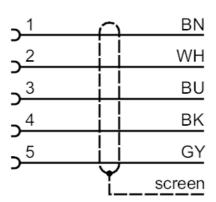
Cable: 30 m, PUR, Halogen-free, black, Ø 4.9 mm, shielded; 5 x 0.25 mm² (32 x Ø 0.1 mm)

#### Electrical connection - socket

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



#### Connection



Core colours:

| black |
|-------|
| brown |
| blue  |
| grey  |
| white |
|       |