

# EVC532



## Female cordset

ADOGH050MSS0002C05



| Application                          |      |                                                                                                |
|--------------------------------------|------|------------------------------------------------------------------------------------------------|
| System                               |      | 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]  | 99.2                                                                                           |
| Dimensions                           | [mm] | 15.5 x 15.5 x 45                                                                               |
| Molded-body material                 |      | TPU (urethane)                                                                                 |
| Material nut                         |      | brass, nickel-plated                                                                           |
| Sealing material                     |      | FKM                                                                                            |

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|                        |                                          |                                                                                                |
|------------------------|------------------------------------------|------------------------------------------------------------------------------------------------|
| 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/s <sup>2</sup> |
|                        | Bending cycles                           | ≥ 2 Mio.                                                                                       |
|                        | Torsional strain                         | ± 180 °/m                                                                                      |

### Remarks

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

### Electrical connection

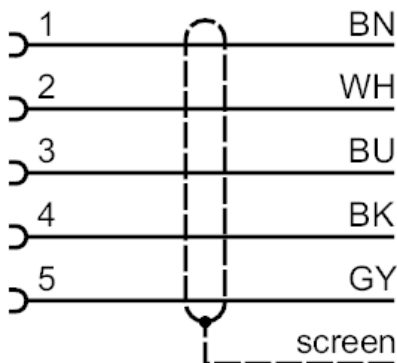
Cable: 2 m, PUR, Halogen-free, black, Ø 4.9 mm, screened; 5 x 0.25 mm<sup>2</sup> (32 x Ø 0.1 mm )

### Electrical connection - Socket

Connector: 1 x M12, straight; coding: A; Moulded body: TPU (urethane), orange; Locking: brass, nickel-plated; sealing: FKM; Contacts: gold-plated; 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         |