

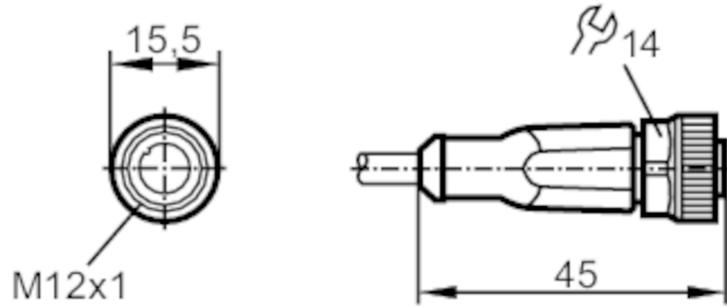
EVC601



Female cordset

ADOGH040MSS00,7H04

Please see the technical note under "Downloads"



Application

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

Electrical data

| | | |
|-------------------------|-----|---------------------|
| Operating voltage | [V] | < 250 AC / < 300 DC |
| Protection class | | II |
| Max. current load total | [A] | 4 |

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 |
| 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 68; IP 69K |

Mechanical data

| | | |
|--------|-----|----|
| Weight | [g] | 46 |
|--------|-----|----|

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| | | |
|------------------------|--|--|
| Dimensions | [mm] | 15.5 x 15.5 x 45 |
| 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/s ² |
| | Bending cycles | > 5 Mio. |
| | Torsional strain | ± 180 °/m |

Remarks

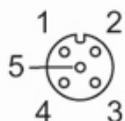
| | |
|---------------|---|
| Notes | Please see the technical note under "Downloads" |
| Pack quantity | 1 pcs. |

Electrical connection

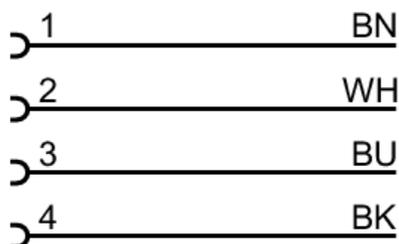
Cable: 0.7 m, PUR, Halogen-free, black, Ø 4.3 mm; 4 x 0.34 mm² (42 x Ø 0.1 mm)

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



Connection



Core colors :
 BK = black
 BN = brown
 BU = blue
 WH = white

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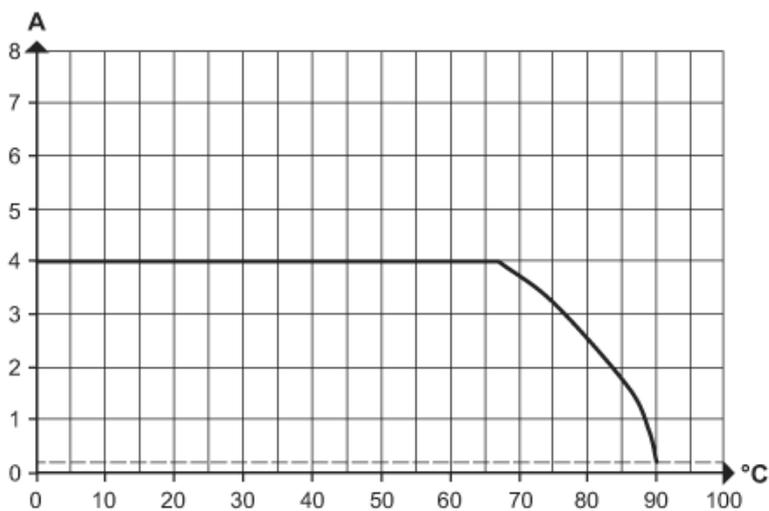


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Diagrams and graphs

Characteristic curve for derating



Derating $I_{max} * 0.8$ (DIN EN 60512-5-2)

X Ambient temperature [°C]

Y Current [A]