

EVC071



Female cordset

ADOGH050MSS0005H05



Application

| | |
|--------------------|--|
| System | Free from silicone; Halogen-free; gold-plated contacts; Drag chain suitability |
| Free from silicone | yes |

Electrical data

| | |
|-----------------------------|---------------|
| Operating voltage [V] | < 60 AC/DC |
| Protection class | II |
| Max. current load total [A] | 4; (cULus: 3) |

Operating conditions

| | |
|--------------------------------------|-----------------------------|
| Ambient temperature [°C] | -25...90 |
| Note on ambient temperature | cULus: ...75 |
| Ambient temperature (moving) [°C] | -25...90 |
| Note on ambient temperature (moving) | cULus: ...75 |
| Protection | IP 65; IP 67; IP 68; IP 69K |

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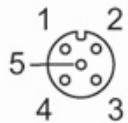
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| Mechanical data | | |
|------------------------|--|--|
| Weight [g] | 179.5 | |
| Dimensions [mm] | 15.5 x 15.5 x 45 | |
| Material | housing: TPU (urethane) orange; sealing: FKM | |
| Material nut | brass, nickel-plated | |
| Drag chain suitability | 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: 5 m, PUR, Halogen-free, black, Ø 4.6 mm; 5 x 0.34 mm ² (42 x Ø 0.1 mm) |

| Electrical connection - Socket |
|---|
| Connector: 1 x M12, straight; Locking: brass, nickel-plated; Contacts: gold-plated; Tightening torque: 0.6...1.5 Nm |



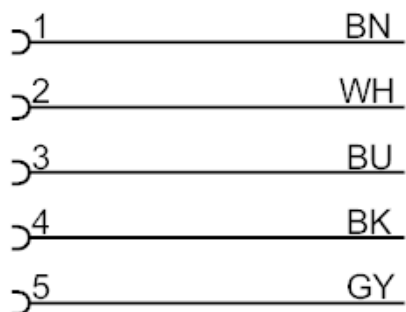
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Connection



Core colors :

| | |
|------|-------|
| BK = | black |
| BN = | brown |
| BU = | blue |
| GY = | grey |
| WH = | white |

Diagrams and graphs



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

- X Ambient temperature [°C]
- Y Current [A]