



All male cordsets

ASTGH050MSS00,3H05

Please see the technical note under "Downloads"



| 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  |
| 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  |
| 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]  | 38.288   |

EVC139



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|                        |  |  |
|------------------------|--|--|
| Dimensions             | [mm]                                     | 15.5 x 15.5 x 49.5   |
| Material               |  | electronics housing: TPU (urethane) orange   |
| 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/s² |
|                        | Bending cycles                           | > 5 Mio.   |
|                        | Torsional strain                         | ± 180 °/m  |

Remarks

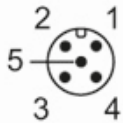
|               |   |
|---------------|---|
| Notes         | Please see the technical note under "Downloads" |
| Pack quantity | 1 pcs.  |

Electrical connection

Cable: 0.3 m, PUR, Halogen-free, black, Ø 4.6 mm; 5 x 0.34 mm² (42 x Ø 0.1 mm )

Electrical connection - plug

Connector: 1 x M12, straight; coding: A; Locking: brass, nickel-plated; Contacts: gold-plated; Tightening torque: 0.6...1.5 Nm



Connection

|   |    |
|---|----|
| 1 | BN |
| 2 | WH |
| 3 | BU |
| 4 | BK |
| 5 | GY |

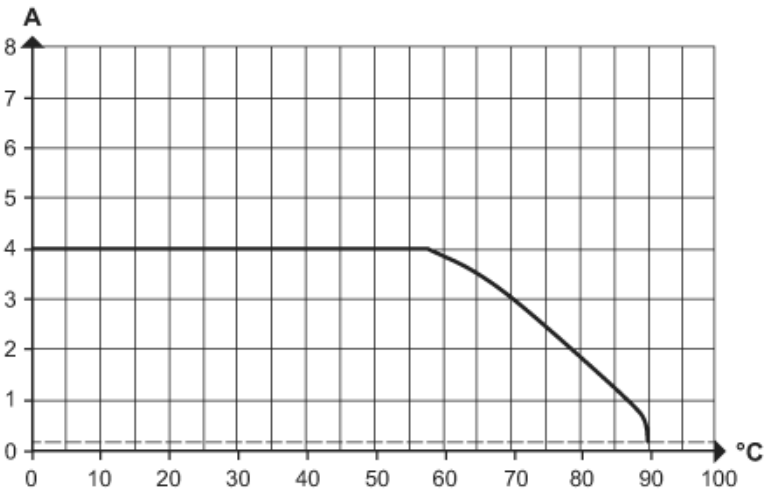
|      |               |
|------|---------------|
|      | Core colors : |
| BK = | black         |
| BN = | brown         |
| BU = | blue          |
| GY = | grey          |
| WH = | white         |



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Diagrams and graphs



Derating I<sub>max</sub> \* 0.8 DIN EN 60512-5-2

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