

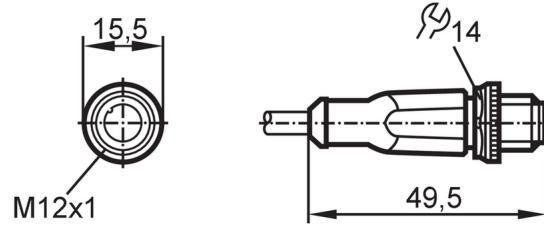
# EVC076



## Connecting cable with plug

ASTGH040MSS0002H04

Please see the technical note under "Downloads"



| Application   |   |  |
|---|---|--|
| Special feature   | Free from silicone; Halogen-free; Gold-plated contacts; Drag chain suitability              |  |
| Application   | Industrial applications / factory automation; Use in machine tools, coolants and lubricants |  |
| 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]  | 73.8  |  |
| Dimensions [mm]   | 15.5 x 15.5 x 49.5  |  |
| Moulded-body material   | TPU   |  |
| Material nut  | brass, nickel-plated  |  |
| Drag chain suitability  | yes   |  |
| Drag chain suitability  | bending radius for flexible use   | 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  | > 5 Mio.   |
|   | torsional strain  | ± 180 °/m  |
| Remarks   |   |  |
| Notes   | Please see the technical note under "Downloads"   |  |
| Pack quantity   | 1 pcs.  |  |

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### Electrical connection

Cable: 2 m, PUR, Halogen-free, black,  $\varnothing$  4.3 mm; 4 x 0.34 mm<sup>2</sup> (42 x  $\varnothing$  0.1 mm )

### Electrical connection - plug

Connector: 1 x M12, straight; coding: A; Contacts: 4, gold-plated; Moulded body: TPU, orange; Locking: brass, nickel-plated; Tightening torque: 0.6...1.5 Nm



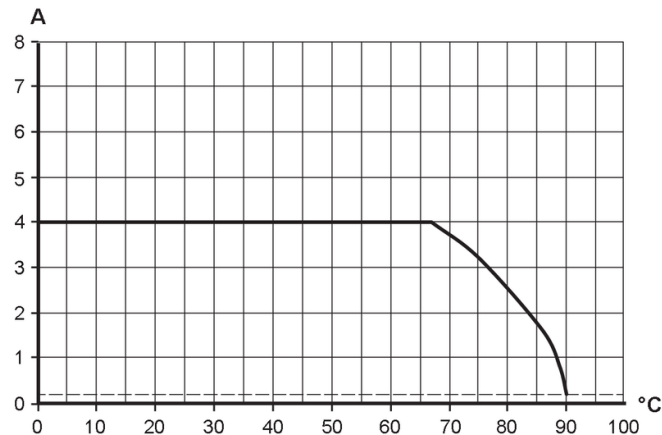
### Connection

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

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

### Diagrams and graphs

characteristic line for derating



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

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