

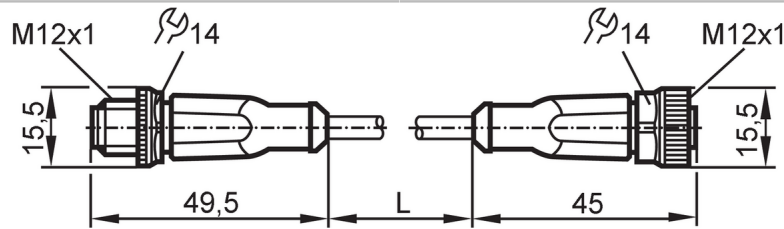
# EVC117



## Connection cable

VDOGH040MSS0015H04STGH040MSS

Please see the technical note under "Downloads"



### Application

|                    |  |
|--------------------|--|
| Special feature    | Free from silicone; Halogen-free; Gold-plated contacts; Drag chain suitability |
| 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                |
| Ambient temperature (moving) [°C]                               | -25...90                    |
| Note on ambient temperature (moving)                            | cULus: ...75                |
| 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]             | 444                             |  |
| Moulded-body material  | TPU                             |  |
| Material nut           | brass, nickel-plated            |  |
| Sealing material       | FKM                             |  |
| 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 - plug

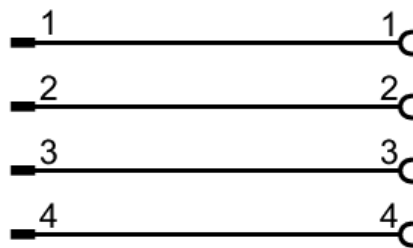
Connector: 1 x M12, straight; coding: A; Contacts: 4, gold-plated; Moulded body: TPU, orange; Locking: brass, nickel-plated; Tightening torque: 0.6...1.5 Nm



### Electrical connection

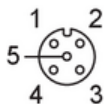
Cable: 15 m, PUR, Halogen-free, black, Ø 4.3 mm; 4 x 0.34 mm<sup>2</sup> (42 x Ø 0.1 mm )

### Connection



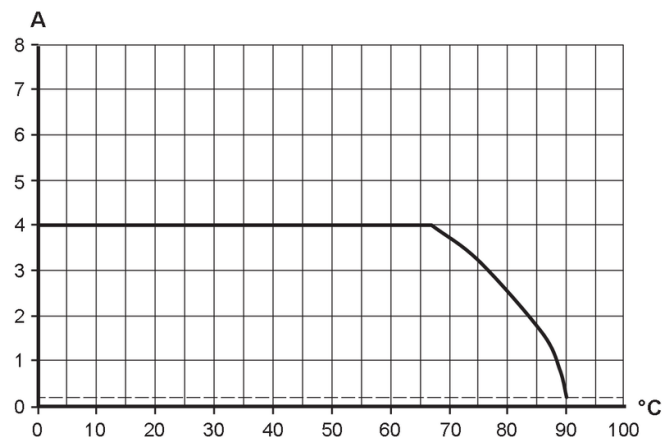
### Electrical connection - socket

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



### Diagrams and graphs

characteristic line for derating



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

X Ambient temperature [°C]

Y Current [A]