

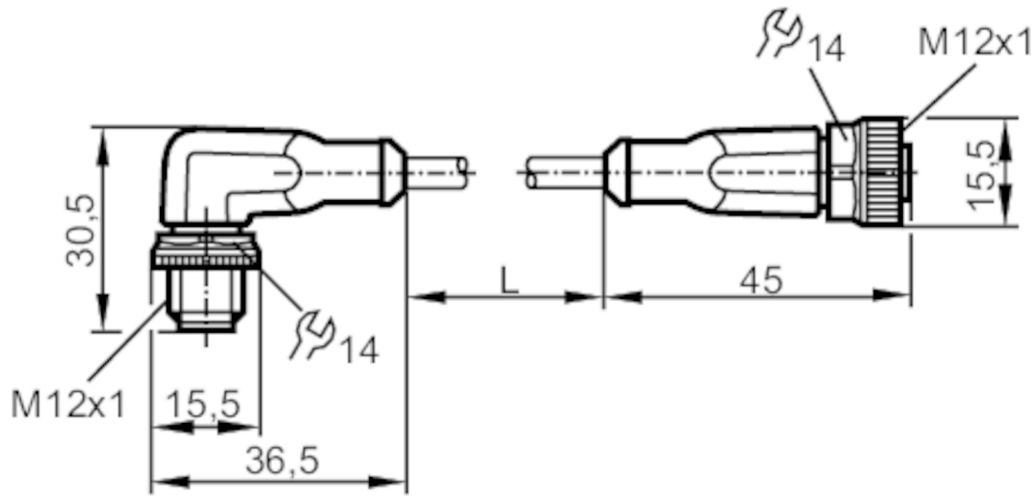
# EVC069



## Connection cable

VDOGH050MSS0005H05STAH050MSS

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]   | < 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   |
| 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]  | 204.8  |

# EVC069



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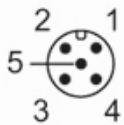
|                        |                                 |  |
|------------------------|---------------------------------|--|
| Dimensions             | [mm]                            | 30.5 x 15.5 x 36.5   |
| Materials              |                                 | housing: TPU orange; Sealing: FKM  |
| 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.  |

### Electrical connection - plug

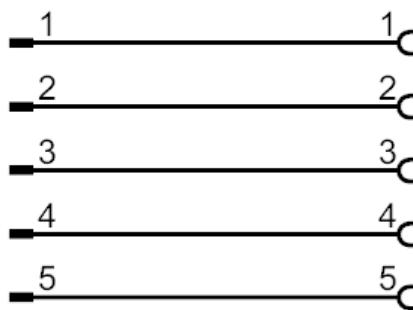
Connector: 1 x M12, angled; coding: A; Locking: brass, nickel-plated; Contacts: gold-plated; Tightening torque: 0.6...1.5 Nm



### Electrical connection

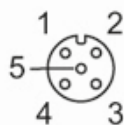
Cable: 5 m, PUR, Halogen-free, black, Ø 4.6 mm; 5 x 0.34 mm<sup>2</sup> (42 x Ø 0.1 mm )

### Connection



### Electrical connection - socket

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





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### Diagrams and graphs



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

X Ambient temperature [°C]

Y Current [A]