

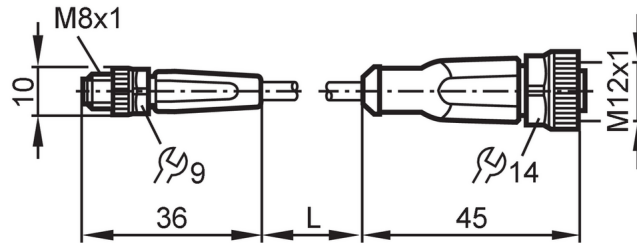
# EVC256



## Connection cable

VDOGH030MSS00,6H03STGF030MSS

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]                | < 50 AC / < 60 DC  |  |
| Protection class                     | III  |  |
| Max. current load total [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   |  |
| Protection                           | IP 65; IP 67; IP 68; IP 69K  |  |
| Mechanical data                      |  |  |
| Weight [g]                           | 46.6   |  |
| Molded-body material                 | TPU (urethane)   |  |
| Material nut                         | brass, nickel-plated   |  |
| Sealing material                     | FKM  |  |
| 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 <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

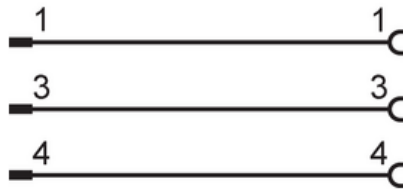
Connector: 1 x M8, straight; coding: A; Contacts: 3, gold-plated; Moulded body: TPU (urethane), orange; Locking: brass, nickel-plated; Tightening torque: 0.3...0.5 Nm



### Electrical connection

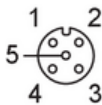
Cable: 0.6 m, PUR, Halogen-free, black,  $\varnothing$  4.3 mm; 3 x 0.34 mm<sup>2</sup> (42 x  $\varnothing$  0.1 mm)

### Connection



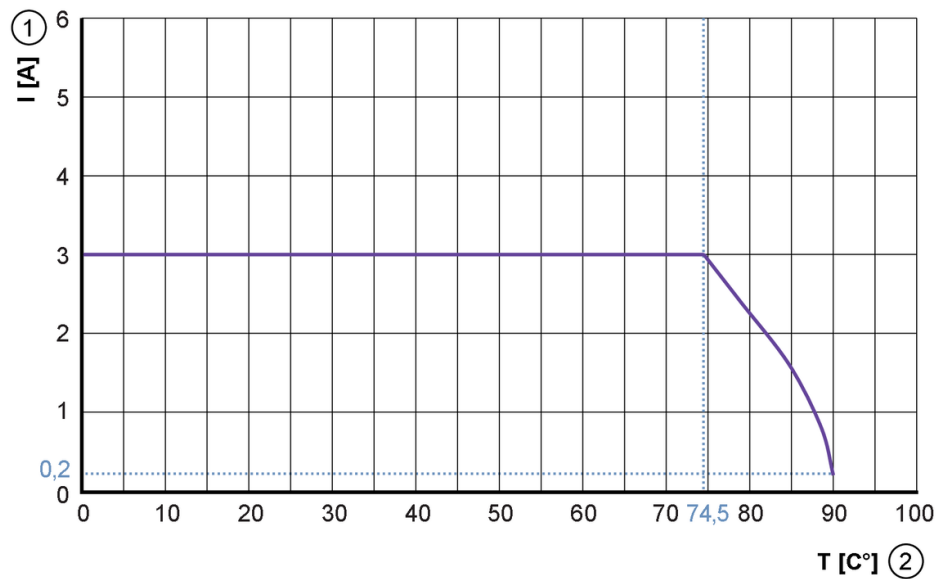
### Electrical connection - Socket

Connector: 1 x M12, straight; coding: A; Contacts: 3, gold-plated; Moulded body: TPU (urethane), orange; Locking: brass, nickel-plated; sealing: FKM; Tightening torque: 0.6...1.5 Nm



### Diagrams and graphs

Characteristic curve for derating



- 1 Current [A]
- 2 Ambient temperature [°C]