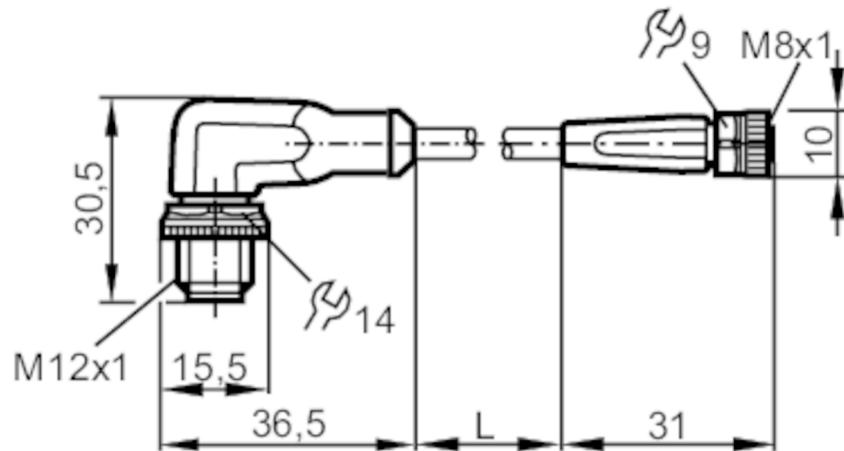


## Connection cable

VDOGF030MSS0002H03STAH030MSS

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] | < 50 AC / < 60 DC |
| Protection class        |     | III               |
| Max. current load total | [A] | 3                 |

## Operating conditions

|                              |      |                             |
|------------------------------|------|-----------------------------|
| Ambient temperature          | [°C] | -25...90                    |
| Ambient temperature (moving) | [°C] | -25...90                    |
| Protection                   |      | IP 65; IP 67; IP 68; IP 69K |

## Tests / approvals

|             |    |       |
|-------------|----|-------|
| UL approval | Ta | 75 °C |
|-------------|----|-------|

## Mechanical data

|                        |     |                                              |
|------------------------|-----|----------------------------------------------|
| Weight                 | [g] | 78.8                                         |
| Material               |     | housing: TPU (urethane) orange; sealing: FKM |
| Molded-body material   |     | TPU (urethane)                               |
| Material nut           |     | brass, nickel-plated                         |
| Sealing material       |     | FKM                                          |
| Drag chain suitability |     | yes                                          |



## Connection cable

VDOGF030MSS0002H03STAH030MSS

|                        |                                          |                                                                                                |
|------------------------|------------------------------------------|------------------------------------------------------------------------------------------------|
| 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.                                          |

### Electrical connection - plug

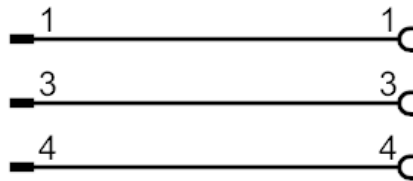
Connector: 1 x M12, angled; coding: A; Moulded body: TPU (urethane), orange; Locking: brass, nickel-plated; Contacts: gold-plated; Tightening torque: 0.6...1.5 Nm



### Electrical connection

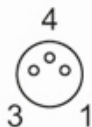
Cable: 2 m, PUR, Halogen-free, black, Ø 4.3 mm; 3 x 0.34 mm<sup>2</sup> (42 x Ø 0.1 mm )

### Connection



### Electrical connection - Socket

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



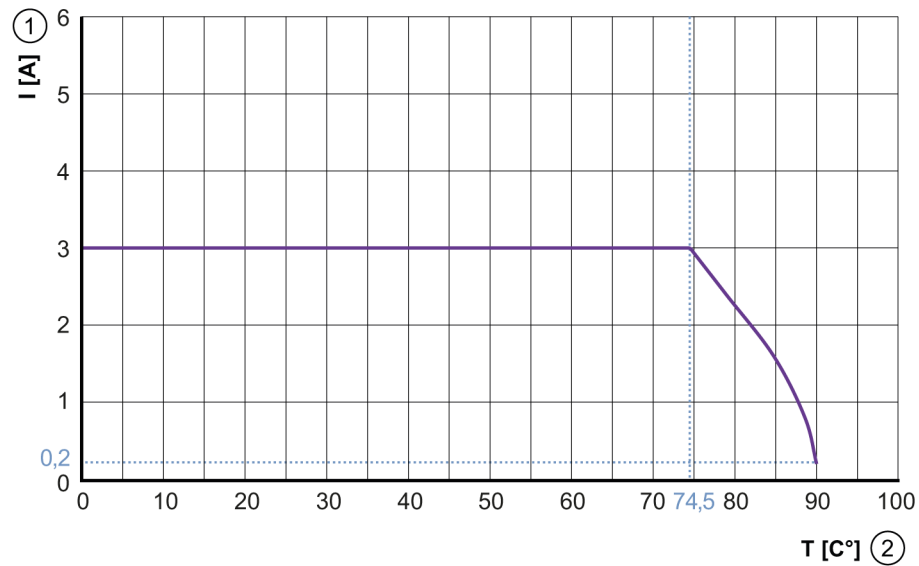


Connection cable

VDOGF030MSS0002H03STAH030MSS

Diagrams and graphs

Characteristic curve for derating



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