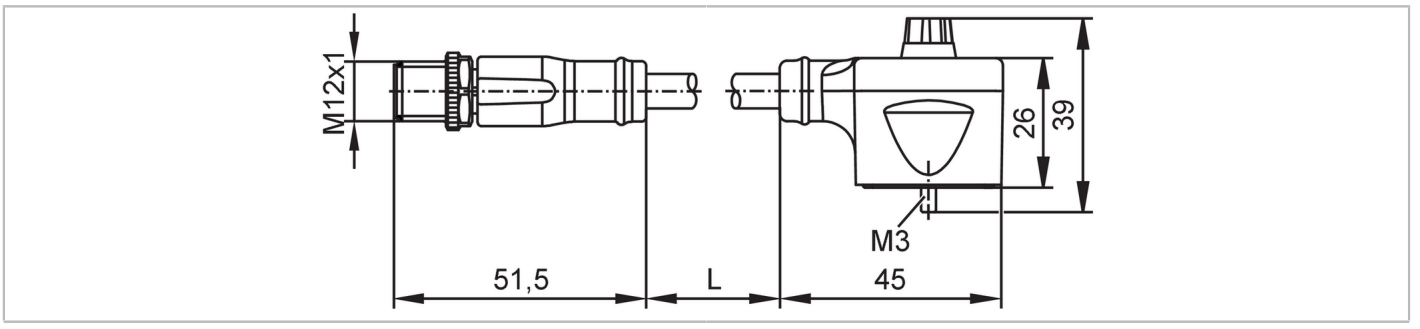
# EVCB06

## Jumper cable with valve plug

VVDAA031--S00,3H03STGH030MSS




| | | | |
|---|---|---|---|
| **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] | | < 24 AC/DC |
| Current consumption | [mA] | | < 4;  (Ub = 24V) |
| Overvoltage protection | | | yes;  (VDR) |
| Max. current load total | [A] | | 4 |
| **Operating conditions** | | | |
| Ambient temperature | [°C] | | -20...90 |
| Ambient temperature (moving) | [°C] | | -25...90 |
| 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 67; IP 68; IP 69K;  (plug M12: IP 65; IP 67; IP 68; IP 69K) |
| **Mechanical data** | | | |
| Weight | [g] | | 71.4 |
| Materials | | | housing: PA |
| Moulded-body material | | | TPU |
| Material nut | | | brass, nickel-plated |
| Sealing material | | | HNBR |
| 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/s² |
| | | bending cycles | > 5 Mio. |
| | | torsional strain | ± 180 °/m |
| **Displays / operating elements** | | | |
| Display | | switching status | 1 x LED, yellow |
| **Remarks** | | | |
| Pack quantity | | | 1 pcs. |

# EVCB06

## Jumper cable with valve plug

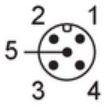
VVDAA031--S00,3H03STGH030MSS

### Electrical connection

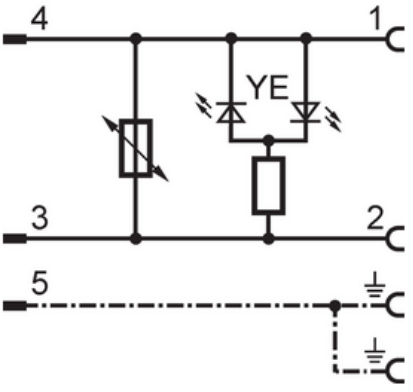
Cable: 0.3 m, PUR, Halogen-free, Ø 5.4 mm; 3 x 0.75 mm² / AWG 19

### Electrical connection - plug

Connector: 1 x M12, straight; coding: A; Contacts: 5, gold-plated; Moulded body: TPU, orange; Locking: brass, nickel-plated; Tightening torque: 0.6...1.5 Nm




Connection




### Electrical connection - socket

Connector: 1 x valve type A DIN (EN 175301-803), angled; Contacts: 4; Moulded body: TPU, black; Sealing: HNBR; Tightening torque: 0.3...0.4 Nm

