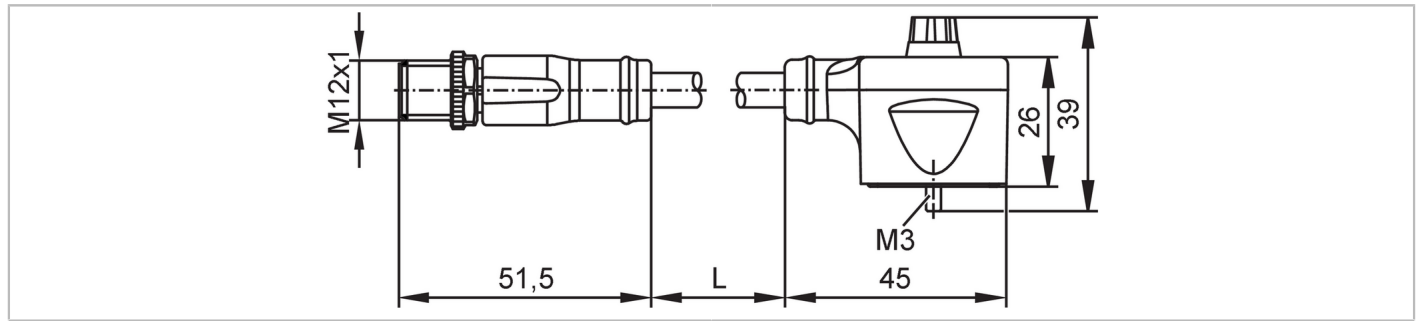


# EVCB11



## Patchcords with valve plug

VVDAA031--S0003H03STGH030MSS



| Application                                                     |                                                                                |                                                                                    |
|-----------------------------------------------------------------|--------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| Special feature                                                 | Free from silicone; Halogen-free; gold-plated contacts; Drag chain suitability |                                                                                    |
| Application                                                     | Industrial applications; Oils and coolants                                     |                                                                                    |
| 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]                                                                            | 192.85                                                                             |
| Material                                                        | housing: PA                                                                    |                                                                                    |
| Molded-body material                                            | TPU (urethane)                                                                 |                                                                                    |
| Material nut                                                    | brass, nickel-plated                                                           |                                                                                    |
| Sealing material                                                | HNBR                                                                           |                                                                                    |
| 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/s² |
|                                                                 | Bending cycles                                                                 | > 5 Mio.                                                                           |
|                                                                 | Torsional strain                                                               | ± 180 °/m                                                                          |
| Displays / operating elements                                   |                                                                                |                                                                                    |
| Display                                                         | Switching status                                                               | 1 x LED, yellow                                                                    |
| Remarks                                                         |                                                                                |                                                                                    |
| Pack quantity                                                   | 1 pcs.                                                                         |                                                                                    |

# EVCB11



## Patchcords with valve plug

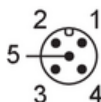
VVDAA031--S0003H03STGH030MSS

### Electrical connection

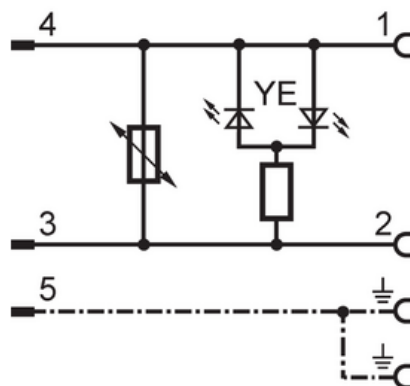
Cable: 3 m, PUR, Halogen-free, Ø 5.4 mm; 3 x 0.75 mm<sup>2</sup> / AWG 19

### Electrical connection - plug

Connector: 1 x M12, straight; coding: A; Contacts: 5, gold-plated; Moulded body: TPU (urethane), 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 (urethane), black; sealing: HNBR; Tightening torque: 0.3...0.4 Nm

