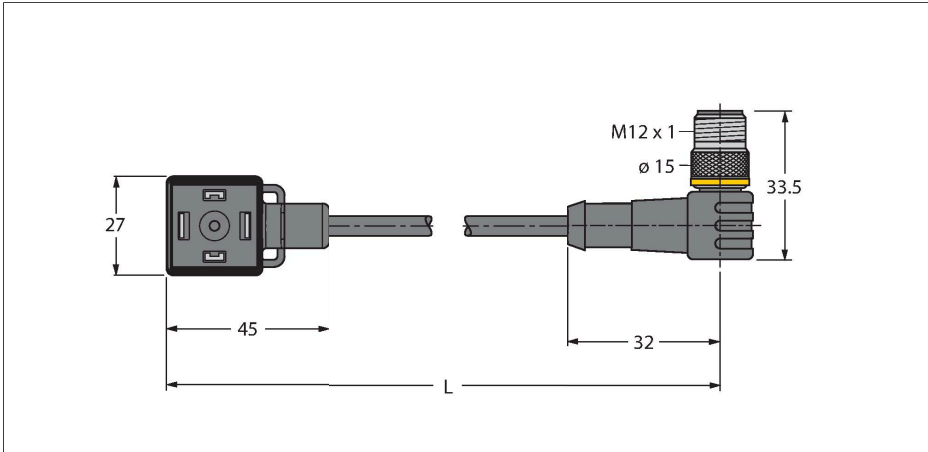


# VAS22-S80E-0.3-WSC5.31T/TXL

## Valve Connector, A Type – Extension Cable

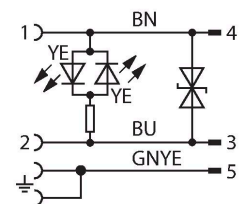
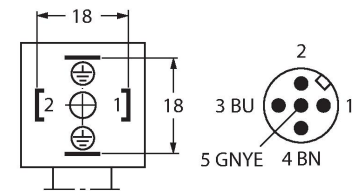


### Features



- 2-pin + PE
- Design according to the DIN EN 175301-803
- RoHS-compliant
- Protection class: IP65, IP67, IP68
- Protective component: Transil diode
- M12 male, angled, 2-pin + PE
- Jacket material: PUR
- Jacket color: black
- Suitable for drag chain use
- Resistant to chemicals and oils
- UV and ozone resistance
- Flame retardant
- Free from halogen, silicone, PVC and LABS
- Cable length: 0.3 m

### Contact assignment



### Technical data

|                                 |                                         |
|---------------------------------|-----------------------------------------|
| Type                            | VAS22-S80E-0.3-WSC5.31T/TXL             |
| ID                              | 6606792                                 |
| Number of pins                  | 2+PE, PE bridged                        |
| Protective component            | Transil diode                           |
| Display switch state            | LED, Yellow/yellow                      |
| Protection class                | IP65, IP67, IP68                        |
| Connector B                     | Male, M12 × 1, Angled                   |
| Number of Pins                  | 2+PE                                    |
| Contacts                        | Metal, CuZn, Gold-plated                |
| Contact carriers                | Plastic, TPU, Black                     |
| Connector body                  | Plastic, TPU, Black                     |
| Coupling nut/retaining screw    | Brass, CuZn, Nickel-plated              |
| Tightening torque               | 0.8 ... 1 Nm                            |
| Mechanical life                 | > 100 Mating cycles                     |
| Pollution degree                | 3                                       |
| Protection class                | IP67, IP69K, Only when screwed together |
| Cable diameter                  | Ø 5.2 mm ±0.20                          |
| Cable length                    | 0.3 m                                   |
| Cable jacket                    | PUR, Black                              |
| Core insulation                 | PP                                      |
| Core cross-section              | 3 x 0.75 mm <sup>2</sup>                |
| Arrangement of strands          | 42 x 0.1 mm                             |
| Core colors                     | BN, BU, GNYE                            |
| Electrical properties at +20 °C |                                         |
| Rated voltage                   | 24 V                                    |
| Test voltage                    | 2000 V                                  |
| Current                         | 4 A                                     |

## Technical data

|                                          |                              |
|------------------------------------------|------------------------------|
| Insulation resistance                    | > 1 MΩ/km                    |
| forward resistance                       | max. 57 Ω/km                 |
| Mechanical and chemical properties       |                              |
| Max. tensile strength (static)           | ≤ 50 N/mm <sup>2</sup>       |
| Max. tensile strength (dynamic)          | ≤ 20 N/mm <sup>2</sup>       |
| Bending radius (stationary installation) | ≥ 5 x Ø                      |
| Bending radius (flexible use)            | ≥ 10 x Ø                     |
| Bending cycles                           | ≥ 3 million                  |
| Admissible acceleration                  | max. 5 m/s <sup>2</sup>      |
| Admissible travel path, horizontal       | 5 m (at 5 m/s <sup>2</sup> ) |
| Admissible travel path, vertical         | 2 m (at 5 m/s <sup>2</sup> ) |
| Admissible traversing speed              | 3.3 m/s                      |
| Torsional stress                         | ± 180 °/m                    |
| Ambient temperature (fixed)              | -40...+80 °C                 |
| Ambient temperature (mobile)             | -30...+90 °C                 |
| Ambient temperature (drag chain)         | -25...+60 °C                 |