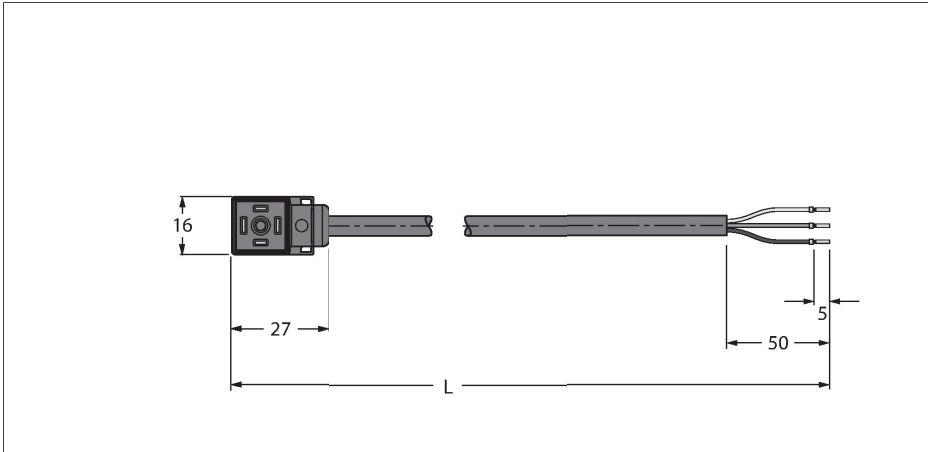


# VC9S22-T80E-2/TEL

## Valve connector CI type – Connection Cable



### Features

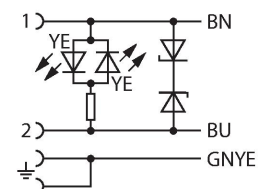


- 2-pin + PE, bridged
- Design according to the DIN EN 175301-803
- RoHS-compliant
- Protection class: IP65, IP67, IP68
- Protective component: Z-diode
- Sheath material: PVC
- Sheath color: black
- Resistant to chemicals and oils
- Flame retardant
- Resistant to acids and alkaline solutions
- Resistant to microbes and hydrolysis
- LABS-free
- Cable length: 2.0 m

### Contact assignment



### Circuit Diagram



### Technical data

|                                 |                                 |
|---------------------------------|---------------------------------|
| Type                            | VC9S22-T80E-2/TEL               |
| ID                              | 6606927                         |
| Connector A                     | Valve connector, Design CI      |
| Number of pins                  | 2+PE, PE bridged                |
| Contacts                        | Metal, CuSn, Silver-plated      |
| Contact carriers                | Plastic, PA, Black              |
| Connector body                  | Plastic, TPU, Black/Translucent |
| Protective component            | Z diode                         |
| Seal                            | Plastic, TPU                    |
| Display switch state            | LED, Yellow/yellow              |
| Mechanical lifespan             | > 100 Mating cycles             |
| Pollution degree                | 3                               |
| Protection class                | IP65, IP67, IP68, (mounted)     |
| Cable diameter                  | Ø 6.1 mm ±0.20                  |
| Cable length                    | 2 m                             |
| Cable jacket                    | PVC, Black                      |
| Core insulation                 | PVC                             |
| Core cross-section              | 3 x 0.75 mm <sup>2</sup>        |
| Arrangement of strands          | 24 x 0.195 mm                   |
| Core colors                     | BN, BU, GNYE                    |
| Electrical properties at +20 °C |                                 |
| Rated voltage                   | 24 V                            |
| Test voltage                    | 2000 V                          |
| Current                         | 4 A                             |
| Insulation resistance           | > 1 MΩ/km                       |
| Insulation resistance           | ≥ 10 <sup>8</sup> Ω             |
| forward resistance              | max. 57 Ω/km                    |

## Technical data

### Mechanical and chemical properties

|                                          |                              |
|------------------------------------------|------------------------------|
| Bending radius (stationary installation) | $\geq 5 \times \varnothing$  |
| Bending radius (flexible use)            | $\geq 10 \times \varnothing$ |
| Ambient temperature (fixed)              | -40...+105 °C                |
| Ambient temperature (mobile)             | 0...+80 °C                   |
| Mounting screw                           | Brass, CuZn, nickel-plated   |