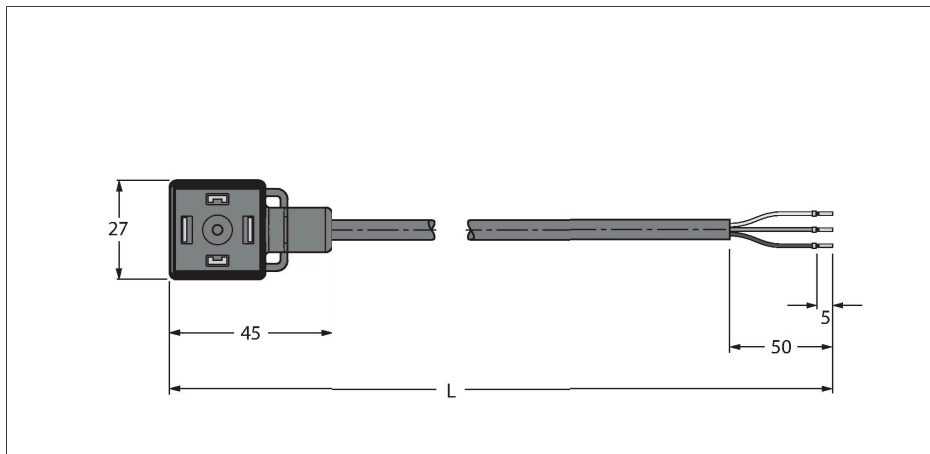


# VAS22-A80E-10/TXL

## Valve connector A type – Connection Cable



### Features

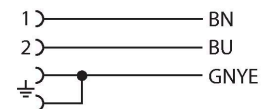


- Jacket material: PUR
- Jacket color: black
- Suitable for drag chain use
- Resistant to chemicals and oils
- UV and ozone resistance
- Flame retardant
- Free from halogen, silicone, PVC and LABS
- Cable length: 10 m

### Technical data

|   |                                 |
|---|---------------------------------|
| Type                                      | VAS22-A80E-10/TXL               |
| ID  | 6606573                         |
| Connector A                               | Valve connector, Design A       |
| Contacts                                  | Metal, CuSn, Silver-plated      |
| Contact carriers                          | Plastic, PA, Black              |
| Connector body                            | Plastic, TPU, Black/Translucent |
| Seal                                      | Plastic, TPU                    |
| Mechanical lifespan                       | > 100 Mating cycles             |
| Pollution degree                          | 3                               |
| Protection class                          | IP65, IP67, IP68, (mounted)     |
| Cable diameter                            | Ø 5.7 mm ±0.20                  |
| Cable length                              | 10 m                            |
| Cable jacket                              | PUR, Black                      |
| Core insulation                           | PP                              |
| Core cross-section                        | 3 x 0.75 mm <sup>2</sup>        |
| Arrangement of strands                    | 42 x 0.15 mm                    |
| Core colors                               | BN, BU, GNYE                    |
| <b>Electrical properties at +20 °C</b>    |                                 |
| Test voltage                              | 2000 V                          |
| Current                                   | 4 A                             |
| Insulation resistance                     | > 1 MΩ/km                       |
| Insulation resistance                     | ≥ 10 <sup>8</sup> Ω             |
| forward resistance                        | max. 26 Ω/km                    |
| <b>Mechanical and chemical properties</b> |                                 |
| 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                         |

### Circuit Diagram



## Technical data

|   |                              |
|---|------------------------------|
| Bending radius (flexible use)                   | $\geq 10 \times \varnothing$ |
| Bending cycles                                  | $\geq 3$ 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                                | $\pm 180$ °/m                |
| Ambient temperature range (stationary)          | -40 °C...+80 °C              |
| Ambient temperature range (In motion)           | -30 °C...+90 °C              |
| Ambient temperature during drag chain operation | -25 °C...+60 °C              |
| Mounting screw                                  | Brass, CuZn, nickel-plated   |
| Approvals                                       | CE<br>UKCA                   |