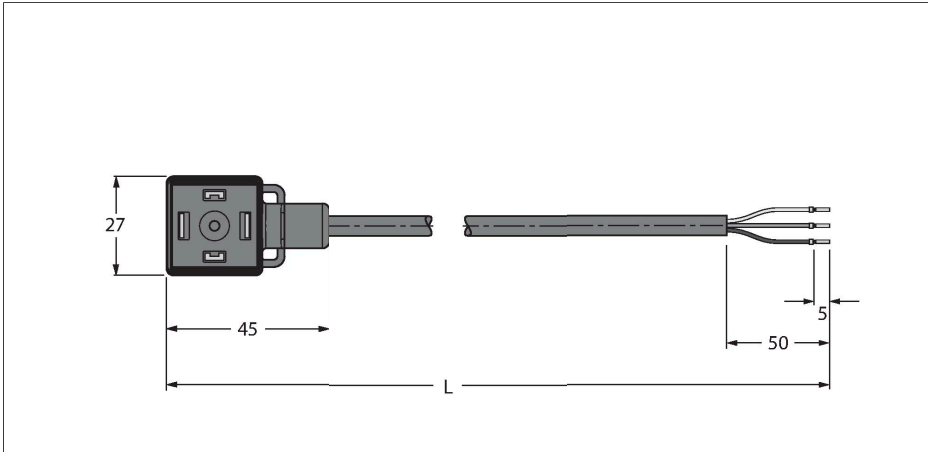


# VAS22-E80E-5/TXL

## Valve connector A type – Connection Cable



### Features

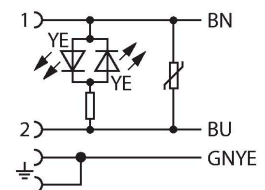


- Jacket material: PUR
- Jacket color: black
- Suitable for drag chain use
- Resistant to chemicals and oils
- UV and ozone resistance
- Flame retardant
- Free from halogen, silicone, PVC and LABS
- Cable length: 5.0 m

### Technical data

|                                    |                                 |
|------------------------------------|---------------------------------|
| Type                               | VAS22-E80E-5/TXL                |
| ID                                 | 6606682                         |
| 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                       | 5 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                    |
| Electrical properties at +20 °C    |                                 |
| Rated voltage                      | 230 V                           |
| 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                    |
| Mechanical and chemical properties |                                 |
| Max. tensile strength (static)     | ≤ 50 N/mm <sup>2</sup>          |
| Max. tensile strength (dynamic)    | ≤ 20 N/mm <sup>2</sup>          |

### Circuit Diagram



## Technical data

|                                          |                              |
|------------------------------------------|------------------------------|
| Bending radius (stationary installation) | $\geq 5 \times \varnothing$  |
| 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 (fixed)              | -40...+80 °C                 |
| Ambient temperature (mobile)             | -30...+90 °C                 |
| Ambient temperature (drag chain)         | -25...+60 °C                 |
| Mounting screw                           | Brass, CuZn, nickel-plated   |