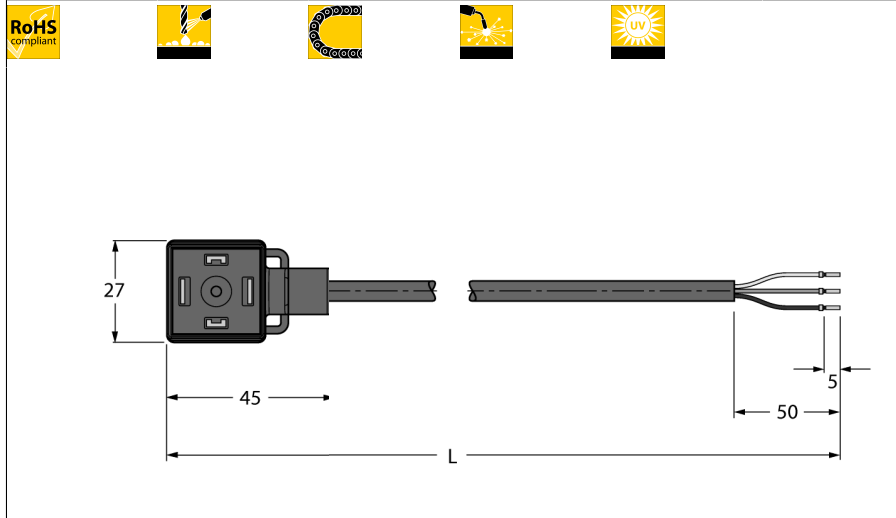


**Valve connector A type
Connection Cable
VAS22-L80E-5/TXL**

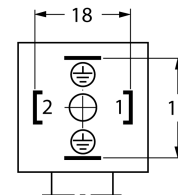


- 2-pin + PE, bridged
- Design according to the DIN EN 175301-803
- RoHS conform
- Protection classes IP67 / IP69K
- Without protective circuitry
- Sheath material: PUR
- Sheath color: black
- Qualified for drag chain use
- Resistant to weld splatter
- Resistant to chemicals and oils
- UV and ozone resistance
- Flame retardant
- Free from halogen, silicone, PVC and LABS
- Cable length: 5.0 m

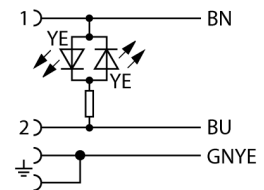
Type designation VAS22-L80E-5/TXL
Ident no. 6606601

Connector A side
 Number of pins Valve connector, Design A
 Contacts 2+PE, PE bridged
 Contact carriers Metal, CuSn, Silver-plated
 Grip Plastic, PA, Black
 Protective component Plastic, TPU, Black/Translucent
 Seal without protective circuitry
 Protection class Plastic, TPU
 Display switch state IP67, IP69K, (mounted)
 Mechanical lifespan LED yellow/yellow
 Pollution degree > 100 Mating cycles
 3

Pin Assignment



Circuit Diagram



General data
 Cable diameter 5.7 ± 0.20mm
 Cable length 5 m
 Cable quality PUR
 Cable color Black
 Core insulation PP
 Core colors BN, BU, GNYE
 Core cross-section 3x0.75mm²
 Arrangement of strands 42x0.15 mm

Electrical features at +20 °C
 Current 4 A
 Rated voltage 24 V
 Insulation resistance > 1 MΩ/km
 Test voltage 2000 V
 Forward resistance max. 26 Ω/km

Mechanical and chemical properties
 Max. tensile strength (static) ≤ 50 N/mm²
 Max. tensile strength (dynamic) ≤ 20 N/mm²
 Bending cycles > 5 mil.
 Bending radius (stationary laying) > 5 x Ø
 Bending radius (flexible use) > 10 x Ø
 Admissible acceleration max. 5 m/s²
 Admissible travel path, horizontal 5 m (at 5 m/s²)
 Admissible travel path, vertical 2 m (at 5 m/s²)
 Admissible traversing speed 3.3 m/s
 Torsional stress ± 180 °/m
 Ambient temperature
 Stationary -50...+80°C
 In motion -30...+90°C
 Drag chain operation -25...+60°C