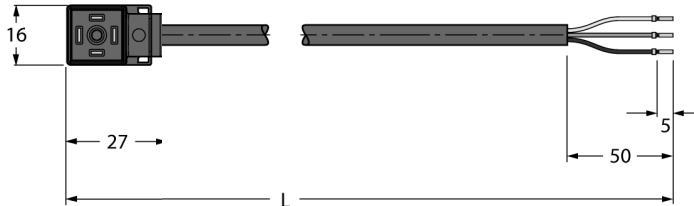


Valve connector, CI Connection Cable VC9S22-T80E-5/TXL

TURCK

Industrial
Automation



- 2-pin + PE, bridged
- Design according to the DIN EN 175301-803
- RoHS conform
- Protection class: IP67 and IP69K
- Protective component: Z-Diode
- 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

Ident no.

VC9S22-T80E-5/TXL

6606645

Connector A side

Number of pins
Contacts
Contact carriers
Protective component
Seal
Protection class
Display switch state
Mechanical lifespan
Pollution degree

Valve connector, Design CI
2+PE, PE bridged
Metal, CuSn, Silver-plated
Plastic, PA, Black
Z diode
Plastic, TPU
IP67, IP69K, (mounted)
LED yellow/yellow
> 100 Mating cycles
3

General data

Cable diameter
Cable length
Cable quality
Cable color
Core insulation
Core colors
Core cross-section
Arrangement of strands

5.7 ± 0.20mm
5 m
PUR
Black
PP
BN, BU, GNYE
3x0.75mm²
42x0.15 mm

Electrical features at +20 °C

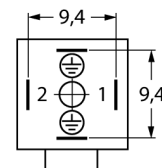
Current
Rated voltage
Insulation resistance
Test voltage
Forward resistance

4 A
24 V
> 1 MΩ/km
2000 V
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

Pin Assignment



Circuit Diagram

