

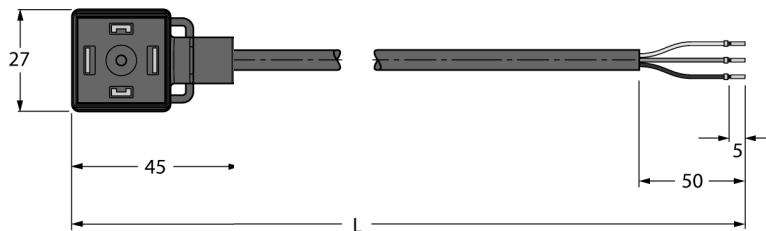
Valve connector A type

Connection Cable

VAS22-L80E-10/TXL

TURCK

Industrial
Automation



- 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: 10 m

Type designation

Ident no.

VAS22-L80E-10/TXL

6606586

Connector A side

Number of pins

Contacts

Contact carriers

Grip

Protective component

Seal

Protection class

Display switch state

Mechanical lifespan

Pollution degree

Valve connector, Design A

2+PE, PE bridged

Metal, CuSn, Silver-plated

Plastic, PA, Black

Plastic, TPU, Black/Translucent

without protective circuitry

Plastic, TPU

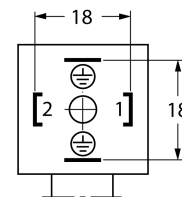
IP67, IP69K, (mounted)

LED yellow/yellow

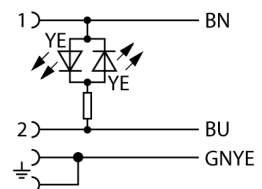
> 100 Mating cycles

3

Pin Assignment



Circuit Diagram



General data

Cable diameter

Cable length

Cable quality

Cable color

Core insulation

Core colors

Core cross-section

Arrangement of strands

5.7 ± 0.20mm

10 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)

Max. tensile strength (dynamic)

Bending cycles

Bending radius (stationary laying)

Bending radius (flexible use)

Admissible acceleration

Admissible travel path, horizontal

Admissible travel path, vertical

Admissible traversing speed

Torsional stress

Ambient temperature

Stationary

In motion

Drag chain operation

≤ 50 N/mm²

≤ 20 N/mm²

> 5 mil.

> 5 x Ø

> 10 x Ø

max. 5 m/s²

5 m (at 5 m/s²)

2 m (at 5 m/s²)

3.3 m/s

± 180 °/m

-50...+80°C

-30...+90°C

-25...+60°C