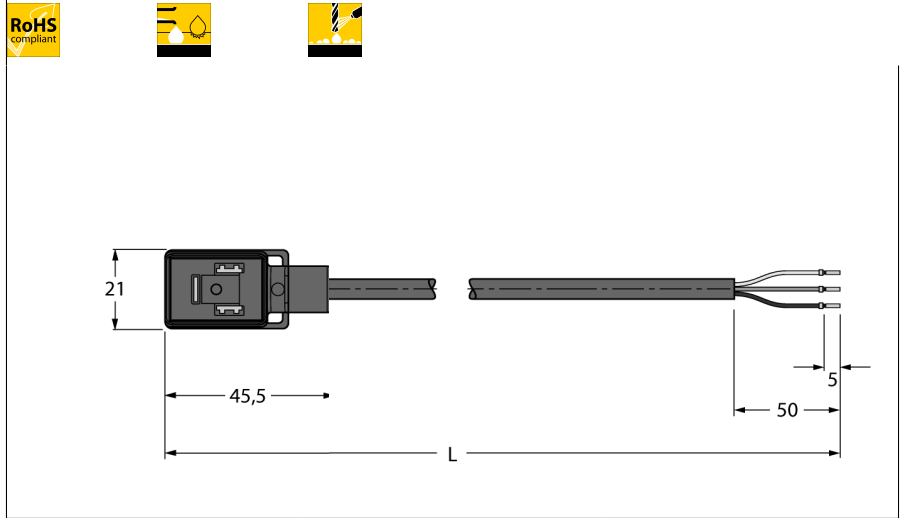


**Valve connector B type
Connection Cable
VBS02-S80E-5/TEL**



- 2-pin + PE
- Design according to the DIN EN 175301-803
- RoHS conform
- Protection class: IP67 and IP69K
- Protective component: Transil diode
- Sheath material: PVC
- Sheath color: black
- Resistant to chemicals and oils
- Flame retardant
- Resistant to acids and alkaline solutions
- Resistant to microbes and hydrolysis
- LABS-free
- Cable length: 5.0 m

Type designation	VBS02-S80E-5/TEL
Ident no.	6606728

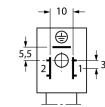
Connector A side	Valve connector, Design B
Number of pins	2+PE
Contacts	Metal, CuSn, Silver-plated
Contact carriers	Plastic, PA, Black
Grip	Plastic, TPU, Black/Translucent
Protective component	Transil diode
Seal	Plastic, TPU
Protection class	IP67, IP69K, (mounted)
Display switch state	LED yellow/yellow
Mechanical lifespan	> 100 Mating cycles
Pollution degree	3

General data	
Cable diameter	6.1 ± 0.20mm
Cable length	5 m
Cable quality	PVC
Cable color	Black
Core insulation	PVC
Core colors	BN, BU, GNYE
Core cross-section	3x0.75mm ²
Arrangement of strands	24x0.195 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. 57 Ω/km

Mechanical and chemical properties	
Bending radius (stationary laying)	> 5 x Ø
Bending radius (flexible use)	> 10 x Ø
Ambient temperature	
Stationary	-40...+105°C
In motion	0...+80°C

Pin Assignment



Circuit Diagram

