

# TURCK Valve Connector Products

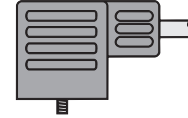
## Valve Connectors, Type "B" (10 mm)

- Available with PVC, PUR and Rubber Jacket
- 18 and 24 AWG
- 2 Conductors + Ground



NRTL/C

\*\*All parts except "E".



Type B

### "B" Style Valve Connectors, Standard Color Code

Application	Cable Specs	Pinout	Voltage VAC/DC	Straight Wired	Indicator LED	Indicator LED and MOV**	Indicator LED and Diode - DC only
Standard duty PVC	3/18 AWG, Grey PVC 105°C 6.2 mm OD Black Body	1. BK 1 2. BK 2 Gnd - GN/YE	0-220	VBS 2-A653-*M	- - - -	- - - -	- - - -
			24-48	- - - -	VBS 2-B653-*M	VBS 2-D653-*M	VBS 2-F653-*M
			110-220	- - - -	VBS 2-C653-*M	VBS 2-E653-*M	- - - -
Standard duty PUR	3/18 AWG, Grey PUR 80°C 6.2 mm OD Black Body	1. BK 1 2. BK 2 Gnd - GN/YE	0-220	VBS 2-A669-*M	- - - -	- - - -	- - - -
			24-48	- - - -	VBS 2-B669-*M	VBS 2-D669-*M	VBS 2-F669-*M
			110-220	- - - -	VBS 2-C669-*M	VBS 2-E669-*M	- - - -

### "B" Style Valve Connectors, IEC Color Code

Application	Cable Specs	Pinout	Voltage VAC/DC	Straight Wired	Indicator LED	Indicator LED and MOV**	Indicator LED and Diode - DC only
Small diameter PVC	3/24 AWG, Yellow PVC 105°C 4.4 mm OD Black Body	1. BN 2. BU Gnd - BK	0-220	VBS 2-A642-*M	- - - -	- - - -	- - - -
			24-48	- - - -	VBS 2-B642-*M	VBS 2-D642-*M	VBS 2-F642-*M
			110-220	- - - -	VBS 2-C642-*M	VBS 2-E642-*M	- - - -
Small diameter PUR	3/24 AWG, Black PUR 80°C 4.2 mm OD Black Body	1. BN 2. BU Gnd - BK	0-220	VBS 2-A587-*M	- - - -	- - - -	- - - -
			24-48	- - - -	VBS 2-B587-*M	VBS 2-D587-*M	VBS 2-F587-*M
			110-220	- - - -	VBS 2-C587-*M	VBS 2-E587-*M	- - - -
Rubber	3/18 AWG, Yellow CPE SJOOW, 105°C 8.0 mm OD Black Body	1. BN 2. BU Gnd - BK	0-220	VBS 2-A654-*M	- - - -	- - - -	- - - -
			24-48	- - - -	VBS 2-B654-*M	VBS 2-D654-*M	VBS 2-F654-*M
			110-220	- - - -	VBS 2-C654-*M	VBS 2-E654-*M	- - - -

### "B" Style Valve Connectors, Automotive Color Code

Application	Cable Specs	Pinout	Voltage VAC/DC	Straight Wired	Indicator LED	Indicator LED and MOV**	Indicator LED and Diode - DC only
Rubber	3/18 AWG, Yellow CPE SJOOW, 105°C 8.0 mm OD Yellow Body	1. RD/BK 2. RD/WH 3. GN	0-220	VBY 2-A658-*M	- - - -	- - - -	- - - -
			24-48	- - - -	VBY 2-B658-*M	VBY 2-D658-*M	- - - -
			110-220	- - - -	VBY 2-C658-*M	VBY 2-E658-*M	- - - -

\* Length in meters

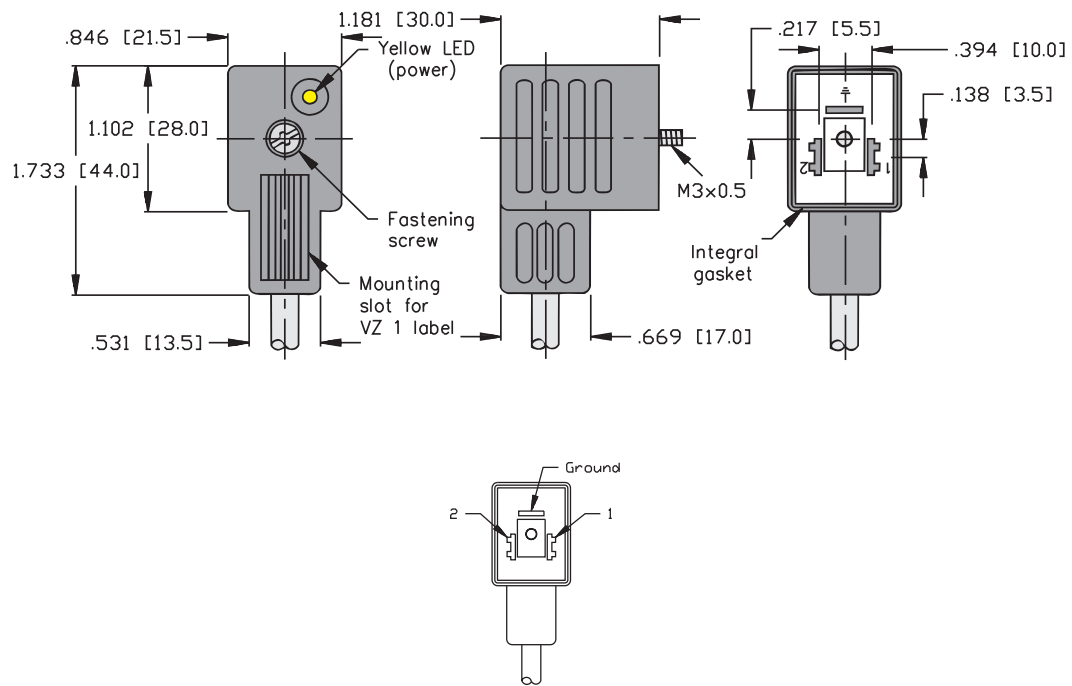
## Specifications

- Connector:** Oil resistant polyurethane body material, Nylon contact carrier.
- Contacts:** Silver plated copper alloy.
- Cable:** See table.
- Cable length:** Standard cable lengths are nominal 2, 5 and 10 meters. Other lengths available by request - consult factory.
- Protection Class:** NEMA 1,3,4,6P and IEC IP 67 when connected and secured.

**Options:** Grey connector body available (special order), change part number VBS .. or VBY .. to VBG ..  
 To have cable exit on the same side as the ground pin, change part number from VBS .. To TBS ..  
 For other combinations or options, consult factory.

## Dimensions

### Type B



## Wiring Diagrams

Straight Wired (A)	Indicator LED (B, C)	Indicator LED and MOV (D, E)	Indicator LED and Diode - DC (F)
<p>1 ) _____</p> <p>2 ) _____</p> <p>GND ) _____</p>			