

## **VS809-21**

### **VS Series—Level Sensor**

#### **Features**

- High or low level sensing
- External fitting
- Reed switch reliability
- Silicone sealing grommet
- Easy installation

#### **Comments**

- Normally open or normally closed by float inversion
- Suitable for a wide range of liquids
- Interface option available
- Polypropylene Material

#### **Applications**

- Continuous 80
- Water high or low Level
- Condensate level alarm
- Drinking water level
- Cooling systems

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### Material

<b>Housing/Shuttle Material</b>	Glass Filled Polypropylene
<b>Float Material</b>	Glass Filled Polypropylene
<b>Contact Material</b>	Ruthenium
<b>Float SG</b>	0.68
<b>Operating Temperature °C</b>	-30 to 105
<b>Medium</b>	Water
<b>Housing and Float Color</b>	Charcoal

### Mechanical Specifications

<b>Shock</b>	50g for 11mS duration
<b>Vibration</b>	35g up to 500Hz
<b>Maximum Pressure</b>	4.7 Bar
<b>Float Diameter</b>	22mm
<b>IP</b>	IP65

### Switching

<b>Switch Action (Reed Switch)</b>	SPST
<b>Max Switching Voltage VDC</b>	200
<b>Max Switching Voltage VAC</b>	250
<b>Max Switching Current Amps</b>	1
<b>Max Switching Load Watt</b>	70
<b>Operate Mode</b>	N/C with float at bottom stop
<b>Contact Form</b>	A

### Cable

<b>Cable Length</b>	2 x 0.5M single insulated
<b>Connection Type</b>	Stripped Cables
<b>Cable Type</b>	22 AWG 16/0.2mm PVC insulated
<b>Cable Color</b>	Black

### Mounting

<b>Thread</b>	M16
<b>Fitment</b>	External
<b>Mounting</b>	Vertical

### Technical Drawing

