



# VS309-51N VS Series–Level Sensor

## Features

- High or low level sensing
- Internal or external fitting
- Reed Switch reliability
- Nitrile Sealing washer/grommet
- Easy installation

## Comments

- Normally open or normally closed by float inversion
- Suitable for a wide range of liquids
- Interface option available
- Nylon 6.6 Material

## **Applications**

- Chemical high or low level
- Diesel Fuel
- Fuel low level
- Alcohols
- Low Oil Detection

## VS309-51N

VS Series-Level Sensor

#### **Material**

Housing/Shuttle Material	Glass Filled Nylon 6.6
Float Material	Glass Filled Nylon 6.6
Contact Material	Ruthenium
Float SG	0.74
Operating Temperature °C	-30 to 130
Medium	Fuels, Oils, Alcohols
Housing and Float Color	Blue

## Cable

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

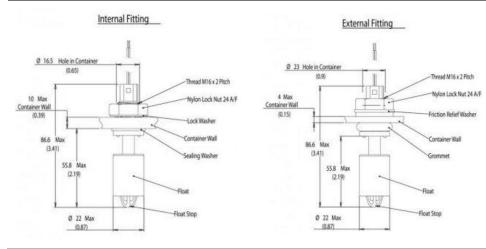
## **Mechanical Specifications**

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

### Switching

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

## **Technical Drawing**



# Mounting

Thread	M16
Fitment	Universal Internal or External
Mounting	Vertical