



VS809-51

VS Series–Level Sensor

Features

- High or low level sensing
- Internal or external fitting
- Reed switch reliability
- Silicone sealing washer/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

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

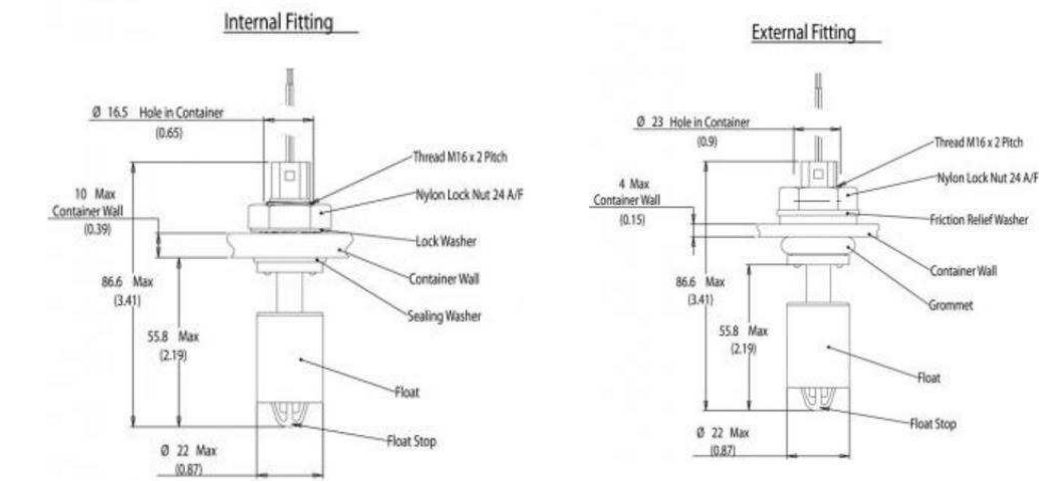
Mechanical Specifications

| | |
|------------------|-----------------------|
| 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



Cable

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

Mounting

| | |
|----------|--------------------------------|
| Thread | M16 |
| Fitment | Universal Internal or External |
| Mounting | Vertical |