



## VCS-02

### VCS Series • Top or Bottom • Level Sensor

#### Features

- ◆ Overall length less than 60mm
- ◆ Internal Fit
- ◆ 30mm diameter float
- ◆ Polypropylene Material

#### Comments

- ◆ High or Low level sensing
- ◆ N/O or N/C by float reversal
- ◆ Reed Switch Reliability (UL File E153493)
- ◆ Exposed Magnet
- ◆ Interface Option Available

#### Applications

- ◆ Water high or low Level
- ◆ Condensate level alarm
- ◆ Chemical high or low level
- ◆ Cooling systems
- ◆ Coolant level indication

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### Material

<b>Housing Material</b>	Foamed Polypropylene	<b>Cable Length</b>	2 x 0.1M
<b>Float Material</b>	Polypropylene	<b>Connection Type</b>	Stripped Cables
<b>Contact Material</b>	Ruthenium	<b>Cable Type</b>	22 AWG 16/0.2mm PVC insulated
<b>Float SG</b>	0.64	<b>Cable Colour</b>	Black/Black
<b>Operating Temperature °C</b>	-30 to 70		
<b>Medium</b>	Water		
<b>Housing Colour</b>	Black		
<b>Float Colour</b>	White		

### Mechanical Specifications

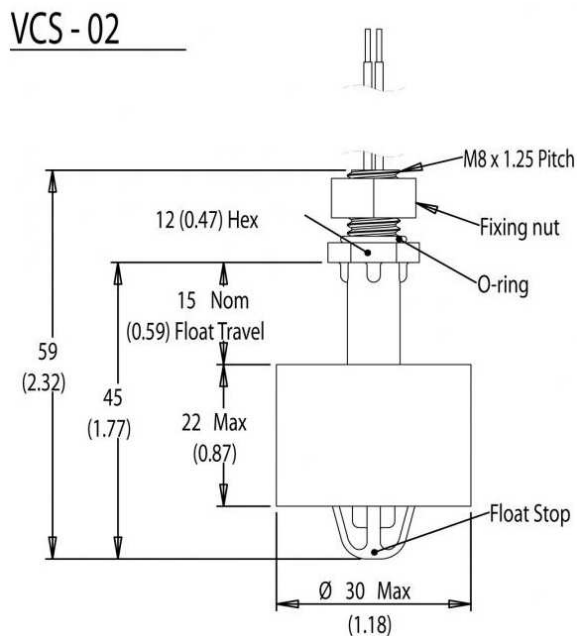
<b>Shock</b>	3 half-sine pulses of 11mS, 30G	<b>Thread</b>	M8 x 1.25mm
<b>Vibration</b>	35g up to 500Hz	<b>Fitment</b>	Internal Fit
<b>Maximum Pressure</b>	1.3 Bar	<b>Mounting</b>	Top or Bottom entry
<b>Float Diameter</b>	30mm		
<b>IP</b>	IP65		

### Mounting

### 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>	30
<b>Operate Mode</b>	N/C with float at bottom stop
<b>Contact Form</b>	A

### Technical Drawing



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