



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

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

Mechanical Specifications

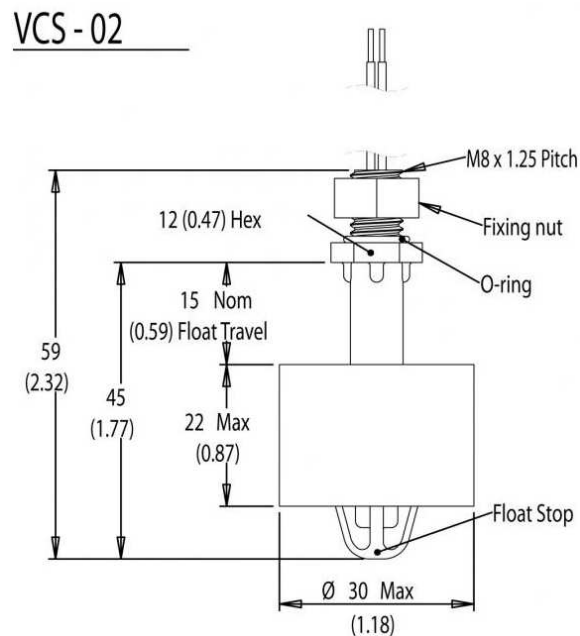
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|-------------------------|---------------------------------|-----------------|---------------------|
| Shock | 3 half-sine pulses of 11mS, 30G | Thread | M8 x 1.25mm |
| Vibration | 35g up to 500Hz | Fitment | Internal Fit |
| Maximum Pressure | 1.3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

Mounting

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 | 30 |
| Operate Mode | N/C with float at bottom stop |
| Contact Form | A |

Technical Drawing



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