

VCS-05

VCS Series • Top or Bottom • Level Sensor

Features

- Overall length less than 60mm
- Internal Fit
- 22mm diameter float
- Nylon 6.6 material

Comments

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

Applications

- Fuel level
- Sump level
- Alcohol level
- Organic Solvents level
- Chemical level

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Material

| | |
|--------------------------|--------------|
| Housing Material | Nylon 6.6 |
| Float Material | Nylon 6.6 |
| Contact Material | Ruthenium |
| Float SG | 0.66 |
| Operating Temperature °C | -30 to 105 |
| Medium | Fuels & Oils |
| Housing Colour | Blue |
| Float Colour | Blue |

Cable

| | |
|-----------------|-------------------------------|
| Cable Length | 2 x 0.1M |
| Connection Type | Stripped Cables |
| Cable Type | 22 AWG 16/0.2mm PVC insulated |
| Cable Colour | Black/Black |

Mechanical Specifications

| | |
|----------------|---------------------------------|
| Shock | 3 half-sine pulses of 11mS, 30G |
| Vibration | 35g up to 500Hz |
| Float Diameter | 22.3mm |
| IP | IP65 |

Mounting

| | |
|----------|---------------------|
| Thread | 1/8 |
| Fitment | Internal Fit |
| Mounting | Top or Bottom entry |

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

VCS-05

