



RCS03-10

RCS Series–Level Sensor

Features

- ◆ High or low level sensing
- ◆ Internal fitting components
- ◆ Reed Switch reliability
- ◆ Silicon sealing washer
- ◆ Easy installation

Comments

- ◆ Normally open or normally closed by float reversal
- ◆ Suitable for a wide range of liquids
- ◆ Side entry with Vertical float travel

Applications

- ◆ Waste Water Level
- ◆ Coolant level indication
- ◆ Drinking water level
- ◆ Cooling systems
- ◆ Water high or low Level

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Material

| | |
|--------------------------|----------------|
| Housing/Shuttle Material | Polypropylene |
| Float Material | Polypropylene |
| Contact Material | Ruthenium |
| Float SG | 0.54 |
| Operating Temperature °C | -30 to 70 |
| Housing Color | Charcoal/Black |
| Float Color | White |

Cable

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

Mechanical Specifications

| | |
|------------------|---------------------------------|
| Shock | 3 half-sine pulses of 11mS, 30G |
| Vibration | 35g up to 500Hz |
| Maximum Pressure | 4.7 Bar |
| Float Diameter | 20mm |
| IP | IP65 |

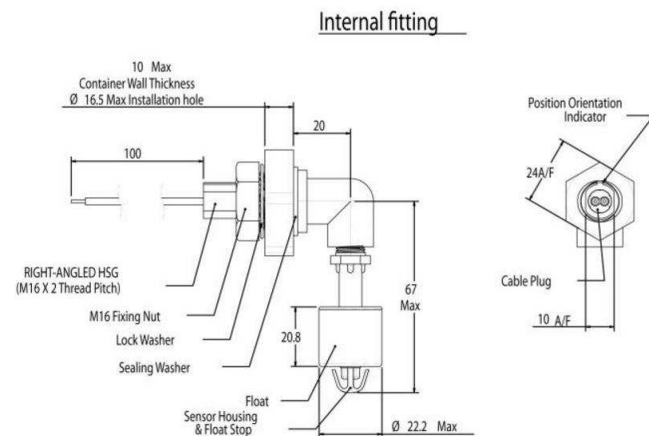
Mounting

| | |
|----------|----------|
| Thread | M16 |
| Fitment | Internal |
| Mounting | Any Axis |

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 horizontal |
| Contact Form | A |

Technical Drawing



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