



## FCS-01

### FCS Series Flow Sensor

#### Features

- Rugged high grade Noryl
- Minimum pressure drop
- Operates from a small head of water
- Mount in any axis
- Suitable for water and air flow switching

#### Comments

- 3/8" BSP Male threaded fittings
- Suitable for hot and cold potable water
- Reed Switch Reliability File E125629
- Meets UL 94-HB flammability rating
- Food grade material

#### Applications

- Leak detection
- Flow sensing
- Mains water control
- Cooling systems
- Circulation pump protection

## FCS-01

FS Series | Flow Sensor

### Material

<b>Housing Material</b>	Noryl
<b>Shuttle Material</b>	Noryl
<b>Spring Material</b>	Stainless Steel
<b>Contact Material</b>	Ruthenium
<b>Operating Temperature °C</b>	-30 to 85
<b>Medium</b>	Water
<b>Housing Colour</b>	Black

### Mechanical Specifications

<b>Shock</b>	50g For A 11ms Duration
<b>Vibration</b>	35g up to 500Hz
<b>Maximum Pressure</b>	10 Bar @ 20°C
<b>IP</b>	IP65
<b>Switch On Flow Rate L/min</b>	3.0

### 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>	40
<b>Operate Mode</b>	N/O, Close With Flow
<b>Contact Form</b>	A

### Cable

<b>Cable Length</b>	2 x 0.5M single insulated
<b>Connection Type</b>	Stripped Cables
<b>Cable Type</b>	22AWG, 16/0.2mm PVC insulated
<b>Cable Colour</b>	Black/Black

### Mounting

<b>Fitting</b>	3/8" BSP Thread
<b>Fitment</b>	In Line
<b>Mounting</b>	Any Axis

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### Technical Drawing

