



## **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

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

### Mechanical Specifications

|                           |                       |
|---------------------------|-----------------------|
| Shock                     | 50g for 11ms Duration |
| Vibration                 | 35g up to 500Hz       |
| Maximum Pressure          | 10 Bar @ 20°C         |
| IP                        | IP65                  |
| Switch On Flow Rate L/min | 0.6 ±0.5              |

### 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     | 40                   |
| Operate Mode                | N/O, Close With Flow |
| Contact Form                | A                    |

### Cable

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

### Mounting

|          |                 |
|----------|-----------------|
| Fitting  | 3/8" BSP Thread |
| Fitment  | In Line         |
| Mounting | Any Axis        |

### Technical Drawing

FCS-01

