



## FS-51

### FS 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

- ◆ 1¼" BSP female threads
- ◆ Suitable for hot and cold potable water
- ◆ Reed Switch Reliability (UL File E153493)
- ◆ Meets UL 94-HB flammability rating
- ◆ Easy installation

#### Applications

- ◆ Mains water control
- ◆ Power shower
- ◆ Central heating systems
- ◆ Circulation pump protection
- ◆ Cooling systems

**Material**

|                                 |           |
|---------------------------------|-----------|
| <b>Housing Material</b>         | Noryl     |
| <b>Contact Material</b>         | Triac     |
| <b>Operating Temperature °C</b> | -30 to 85 |
| <b>Housing Colour</b>           | Black     |

**Mechanical Specifications**

|                                  |                         |
|----------------------------------|-------------------------|
| <b>Shock</b>                     | 50g For A 11ms Duration |
| <b>Vibration</b>                 | 35g up tp 500Hz         |
| <b>IP</b>                        | IP65                    |
| <b>Switch On Flow Rate L/min</b> | 1.5 - 2.0               |

**Switching**

|                                    |                      |
|------------------------------------|----------------------|
| <b>Switch Action (Reed Switch)</b> | SPST                 |
| <b>Max Switching Voltage VDC</b>   | N/A                  |
| <b>Max Switching Voltage VAC</b>   | 250                  |
| <b>Max Switching Current Amps</b>  | 3                    |
| <b>Operate Mode</b>                | N/O, Close With Flow |
| <b>Contact Form</b>                | A                    |
| <b>Switch Action (Reed Switch)</b> | SPST                 |

**Cable**

|                        |                              |
|------------------------|------------------------------|
| <b>Cable Length</b>    | 1 x 1.0M double insulated    |
| <b>Connection Type</b> | Stripped Cables              |
| <b>Cable Type</b>      | 0.5MM2 BS6500 PVC            |
| <b>Cable Colour</b>    | White Outer Blue/Brown Inner |

**Mounting**

|                 |                   |
|-----------------|-------------------|
| <b>Fitting</b>  | 1 1/4" BSP Thread |
| <b>Fitment</b>  | In Line           |
| <b>Mounting</b> | Any Axis          |

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