



The RSF50 series are compact vertically mounted devices with a single switch point. Mounting is in the top or bottom of the tank from the inside, so requires access to the inside of the tank.

Typical applications include printing systems and chemical dosing equipment.

They are manufactured in a variety of materials, with a choice of gasket materials, to suit most commonly used liquids.

The switch action may be reversed by removing the float, inverting it and then refitting it to the stem.

All types are also available with 1/8" NPT tapered thread.



- **Compact design**
- **User configurable N/O or N/C operation**
- **Reliable reed switch contacts**
- **Available in PPS, Polypropylene and Nylon**
- **WRAS approval**
- **Many variants are UL recognised components File No. E171218**

Technical Specification	RSF53	RSF54	RSF56
Material	Nylon	Polypropylene	Polyphenylene Sulphide (PPS)
Colour	Black	Opaque	Grey
Temp. Range °C	-20 / +75	-20 / +100	-10 / +120*
°F	-4 / +167	+4 / +212	+14 / +248*
Min. Fluid S.G.	0.8	0.65	0.85
Must Open Level (S.G.=1)	11.5mm	15.0mm	9.5mm
Must Open Level (S.G.=1)	22.5mm	26.0mm	20.5mm

\*Maximum temperature requires ETFE cable to be specified.

Electrical Specification	(RSF53/54/56)
Contact Form	N/O (N/C)
Switching Power Max. VA	25
Switching Voltage AC Max.	240
Switching Voltage DC Max.	120
Switching Current Max. A	0.6

All ratings are for resistive load only.

Standard Parts	Material	Leadouts	Gaskets
RSF53Y100RC	Nylon	1.0m PVC 16/0.2 UL approved	Nitrile
RSF54Y100RC	Polypropylene	1.0m PVC 16/0.2 UL approved	Nitrile
RSF56Y100RC	PPS	1.0m PVC 16/0.2 UL approved	Nitrile

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**Mechanical Dimensions**

All dimensions are in millimeters (inches)

