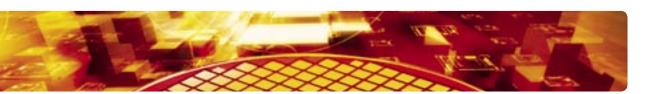


RSF50 miniature single switch





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 Close 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 |

USA

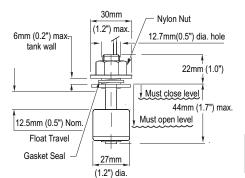
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Mechanical Dimensions

All dimensions are in millimeters (inches)



Thread sizes RSF53/4/6 M12x1.75 Thread

Note: Float Chamber may be inverted for alternative switch action.