



The RSF10 series drop float has been designed to eliminate problems associated with limescale build up around the pivot point of a conventional float switch. It is also suitable in more viscous liquids, that might affect the pivot action of a standard float type.

The drop float actuator allows the switch housing and float pivots to be located above the surface of the liquid and provides normally closed switch contact, opening as the liquid level rises. They are manufactured in a variety of materials, with a choice of gasket materials, to suit most commonly used liquids.

Typical applications include wall kettles and hot vending machines.



- **Pivot Clear of Liquid**
- **Compact design**
- **Available in Polypropylene or PPS**
- **Many variants are UL recognised components File No. E171218**
- **WRAS approval**

| Technical Specification | RSF14 | RSF16 |
|---------------------------|---------------|------------------------------|
| Material | Polypropylene | Polyphenylene Sulphide (PPS) |
| Colour | Opaque | Grey |
| Temp. Range °C | -20 / +100 | -10 / +120* |
| °F | -4 / +212 | +14 / +248* |
| Min. Fluid S.G. | 0.75 | 0.75 |
| Must Close Level (S.G.=1) | 39mm | 33mm |
| Must Open Level (S.G.=1) | 24mm | 22mm |

*Maximum temperature requires ETFE cable to be specified.

| Electrical Specification | |
|---------------------------|-----|
| Contact Form | 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 |
|----------------|---------------|-----------------------------|---------|
| RSF14Y100RF | Polypropylene | 1.0m PVC 16/0.2 UL approved | Nitrile |
| RSF16Y100RF | PPS | 1.0m PVC 16/0.2 UL approved | Nitrile |

Custom versions can be made for particular applications. Please contact Cynergy³ with your requirements.

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Mechanical Dimensions

All dimensions are in millimeters (inches)

