



The RSF20 is designed to eliminate the problems associated with limescale build up around the pivot point on a conventional float switch.

This particular series is primarily for applications where a low level condition has to be monitored, in a system where the liquid is usually maintained at a high level, or where a wider differential is required between the opening and closing levels.

The extended drop float actuator allows the switch housing and float pivots to be located above the surface of the liquid, while the excess buoyancy of the float chamber itself ensures that it remains buoyant, even when scale builds up on the float chamber. Typical applications include wall kettles and hot vending machines.

The switch action is closed when the level is low (float down), and opens as the liquid level rises.



- **Low level switch position**
- **Hot/boiling water**
- **High buoyancy float**
- **WRAS approved for use in hot and cold water**
- **Many variants are UL recognised components. File number E171218**

Technical Specification	RSF26
Material	Polyphenylene Sulphide (PPS)
Colour	Grey
Temp. Range °C	-10 / +120*
°F	+14 / +248*
Min. Fluid S.G.	0.75
Must Close Level (S.G.=1)	140mm
Must Open Level (S.G.=1)	110mm

\*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
RSF26Y100RF	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)

