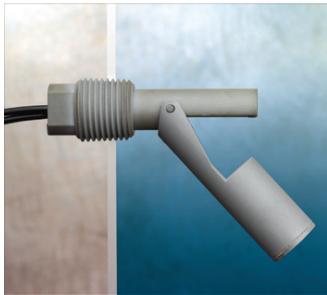


# RSF80 Series

## Compact external fitting side mounting floatswitch



- Compact design
- Reliable reed switch contacts
- Available in Nylon, Polypropylene or PPS
- WRAS Approval
- UL Approval (File no E171218)
- External Mount
- Quick Fitting

The RSF80 series is designed for external mounting, achieved with a 1/2" NPT taper thread. This avoids the needs for internal access to the chamber and is ideally suited to applications where space or fitting time are prime considerations.

Typical applications include vending machines, diesel generators, hydraulic oil and gearbox oil level.

They are manufactured in a variety of materials to suit most commonly used liquids.

The switch action may be reversed by rotating the device through 180°.

Technical Specification	RSF88	RSF83	RSF84	RSF86
Material	Polypropylene UL Approved	Nylon	Polypropylene WRAS Approved	Polyphenylene Sulphide (PPS)
Colour	White	Black	Opaque	Grey
Temp. Range °C	-20 / +100	-20 / +75	-20 / +100	-10 / +120*
°F	-4 / +212	-4 / +167	-4 / +212	+14 / +248*
Min. Fluid S.G.	0.85	0.85	0.85	0.85
Must Close Level (S.G.=1)	8mm	7mm	8mm	9mm
Must Open Level (S.G.=1)	20mm	20mm	20mm	24mm

\*Maximum temperature requires ETFE cable to be specified.

Electrical Specification	25W (Y Switch)	100W (H Switch)
Contact Form	N/O (N/C)	N/O (N/C)
Switching Power Max. VA	25VA	100VA
Switching Voltage AC Max.	240V	300V
Switching Voltage DC Max.	120V	300V
Switching Current Max. A	0.6A	1A

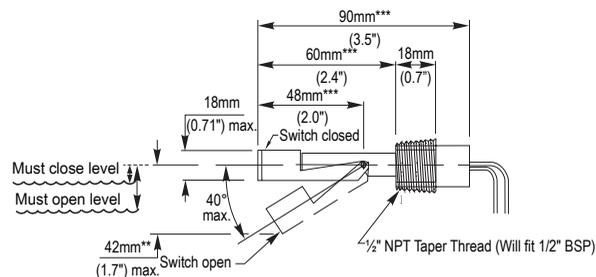
All ratings are for resistive load only.

Standard Parts	Material	Leadouts
RSF83H/Y100RF	Nylon	1.0m PVC 16/0.2 UL approved
RSF84H/Y100RF	Polypropylene	1.0m PVC 16/0.2 UL approved
RSF86H/Y100RF	PPS	1.0m PVC 16/0.2 UL approved
RSF88H/Y100RF	Polypropylene (UL)	1.0m PVC 16/0.2 UL approved

Custom versions can be made for particular applications. Please contact Cynergy<sup>3</sup> with your requirements.

### Mechanical Dimensions

All dimensions are in millimeters (inches)



\*\* 49mm RSF86  
 \*\*\* Add 10mm to dims, RSF86

USA  
 Cynergy3 Components Corporation  
 11125 Knott Avenue, Suite D,  
 Cypress, CA, 90630.  
 Phone (866) 258-5057  
 Email: sales@cynergy3.com

EUROPE - UK  
 Cynergy3 Components Ltd.  
 7 Cobham Road  
 Ferndown Industrial Estate  
 Wimborne, Dorset BH21 7PE  
 Telephone +44 (0) 1202 897969  
 Fax +44 (0) 1202 891918  
 Email: sales@cynergy3.com

ISO 9001 CERTIFIED

Competitive part number cross-reference available at: [www.cynergy3.com](http://www.cynergy3.com)