



RSF80 Series

Compact external fitting by 1/2"NPT



- 1/2"NPT External mount
- Available in Nylon, Polypropylene or PPS
- WRAS approved versions
- Many variants are UL recognised components File No. E171218
- Compact design

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

* Maximum temperature requires ETFE cable to be specified.

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

All ratings are for resistive load only.

Standard Parts	Material	Max Power	Leadouts	Approvals
RSF83H100R	Nylon	100VA	100cm PVC 16/0.2	WRAS
RSF83Y100R	Nylon	25VA	100cm PVC 16/0.2	WRAS
RSF84H100R	Polypropylene	100VA	100cm PVC 16/0.2	WRAS
RSF84Y100R	Polypropylene	25VA	100cm PVC 16/0.2	WRAS
RSF86H050T	PPS	100VA	50cm ETFE 19/0.2	WRAS & UL
RSF86H100R	PPS	100VA	100cm PVC 16/0.2	WRAS & UL
RSF86Y050T	PPS	25VA	50cm ETFE 19/0.2	WRAS & UL
RSF86Y100R	PPS	25VA	100cm PVC 16/0.2	WRAS & UL
RSF88H100R	Polypropylene UL	100VA	100cm PVC 16/0.2	UL
RSF88Y100R	Polypropylene UL	25VA	100cm PVC 16/0.2	UL

The RSF80 series are designed for mounting through the wall of a tank, via 1/2"NPT thread without requiring access to the inside of the tank.

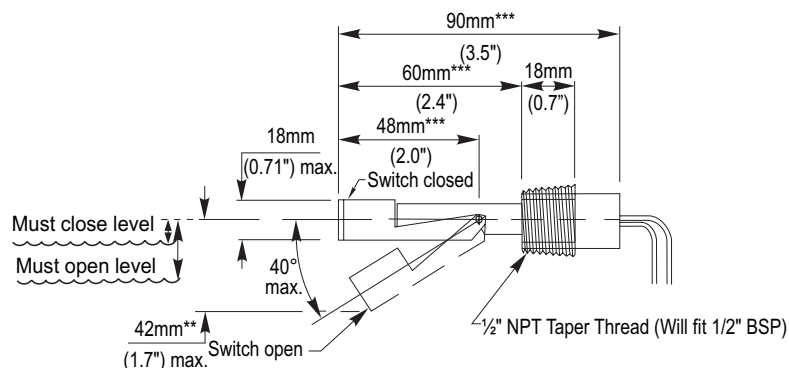
Typical applications include diesel generators, hydraulic oil and gearbox oil levels.

They are manufactured in a range of plastics to suit most commonly used liquids.

The switch can be fitted to achieve either make on rise (N/O) or make on fall (N/C) action by simply rotating through 180°.

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

Mechanical Dimensions



** 49mm RSF86

*** Add 10mm to dims, RSF86

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ISO9001 CERTIFIED

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