RSF80 Series

Compact external fitting by 1/2"NPT

- ***½"NPT External mount***
- ***Available in Nylon, Polypropylene or PPS***
- ***WRAS approved versions***
- ***Many variants are UL recognised components File No. E171218***
- ***Flying lead or M12 connection***

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	0.80	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
RSF83HP	Nylon	100VA	M12 connection	WRAS
RSF83YP	Nylon	25VA	M12 connection	WRAS
RSF84HP	Polypropylene	100VA	M12 connection	WRAS
RSF84YP	Polypropylene	25VA	M12 connection	WRAS
RSF86HP	PPS	100VA	M12 connection	WRAS & UL
RSF86YP	PPS	25VA	M12 connection	WRAS & UL
RSF88HP	Polypropylene UL	100VA	M12 connection	UL
RSF88YP	Polypropylene UL	25VA	M12 connection	UL

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

The RSF80 series are designed for mounting through the wall of a tank, via ½"NPT thread without requiring acces to the inside of the tank.

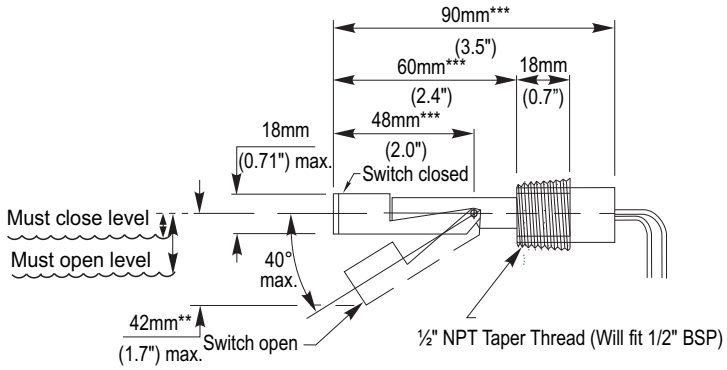
Typical applications include diesel generators, hydraulic oil and gearbox oil levels.

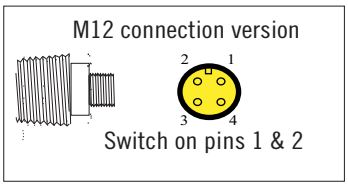
They are manufactured in a range of plastics to suit most commonly used liquids.

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

Available with either flying leads or M12 circular connector socket.
Cables are available for use with M12 connector versions.

Mechanical Dimensions





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

ISO9001 CERTIFIED

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