



# 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
- 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.

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°.

Available with either flying leads or M12 circular connector socket.

Cables are available for use with M12 connector versions.

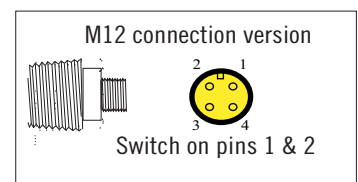
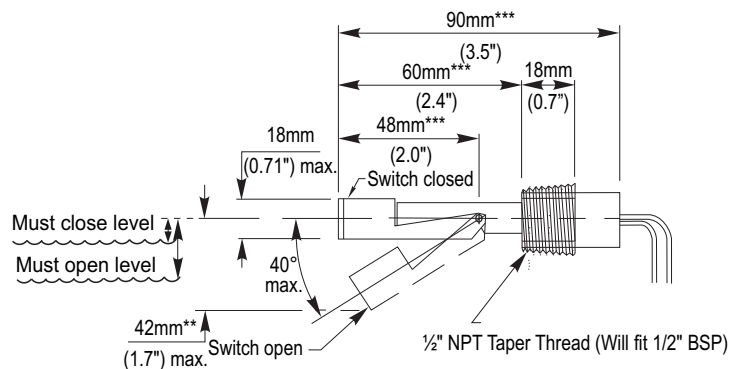
Electrical Specification	25W (Y code)	100W (H code)
Contact Form	N/O (N/C)	N/O (N/C)
Switching Power Max	VA	100
Switching Voltage AC Max	V	300
Switching Voltage DC Max	V	300
Switching Current Max	A	1

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.

### Mechanical Dimensions



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

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

ISO9001 CERTIFIED

www.cynergy3.com