

## RSF100 SERIES

### EXTERNAL MOUNT MINIATURE VERTICAL SWITCH



A compact vertically mounted design with a single switch point.

Mounting is in the top or bottom of a tank via a compression seal, so does not require access to the inside of the tank for fitting.

Standard versions are 25VA and high power versions are available with 100VA switching capacity.

The switch action may be reversed by removing the float, inverting it, then refitting to the stem.

Available in flying lead or M12 connector versions.

Cables are available for use with M12 connection versions.

#### Features

- External mount via compression seal
- Compact design with small diameter float
- Available in Nylon, Polypropylene, PPS or PVDF
- WRAS and NSF approved versions available

## SPECIFICATIONS

### Technical

	RSF103	RSF104	RSF108	RSF106	RSF107
<b>Material</b>	Nylon WRAS approved	Polypropylene WRAS approved	Polypropylene UL approved	Polyphenylene Sulphide WRAS/UL	PVDF UL
<b>Colour</b>	Black	Opaque	White	Grey	Green
<b>Temp Range</b>	°C	-20/+75	-20/+100	-20/+100	-10/+120*
		°F	-4/+167	-4/+212	-4/+212
<b>Min. Fluid SG</b>	TBC	TBC	TBC	TBC	0.95

\* Maximum temperature requires ETFE cable to be specified.

### Electrical

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

All ratings are for resistive load only.



	Material	Max Power	Leadouts	Gasket	Approvals
<b>RSF103Y100JN</b>	Nylon	25VA	100cm PVC 2 core 7/0.2	Nitrile	WRAS
<b>RSF103H100JN</b>	Nylon	100VA	100cm PVC 2 core 7/0.2	Nitrile	WRAS
<b>RSF104Y100JN</b>	Polypropylene	25VA	100cm PVC 2 core 7/0.2	Nitrile	WRAS & NSF
<b>RSF104H100JN</b>	Polypropylene	100VA	100cm PVC 2 core 7/0.2	Nitrile	WRAS & NSF
<b>RSF106Y100JN</b>	Polyphenylene Sulphide	25VA	100cm PVC 2 core 7/0.2	Nitrile	WRAS, UL & NSF
<b>RSF106Y050TV</b>	Polyphenylene Sulphide	25VA	50cm PTFE 2 core 7/0.2	Viton	WRAS, UL & NSF
<b>RSF106H100JN</b>	Polyphenylene Sulphide	100VA	100cm PVC 2 core 7/0.2	Nitrile	WRAS, UL & NSF
<b>RSF106H050TV</b>	Polyphenylene Sulphide	100VA	50cm PTFE 2 core 7/0.2	Viton	WRAS, UL & NSF
<b>RSF107Y100GN</b>	PVDF	25VA	100cm PTFE 2 core 7/0.2	Nitrile	UL & NSF
<b>RSF107H100GN</b>	PVDF	100VA	100cm PTFE 2 core 7/0.2	Nitrile	UL & NSF
<b>RSF107Y100GV</b>	PVDF	25VA	100cm PTFE 2 core 7/0.2	Viton	UL & NSF
<b>RSF107H100GV</b>	PVDF	100VA	100cm PTFE 2 core 7/0.2	Viton	UL & NSF
<b>RSF108Y100JN</b>	Polypropylene	25VA	100cm PVC 2 core 7/0.2	Nitrile	UL
<b>RSF108H100JN</b>	Polypropylene	100VA	100cm PVC 2 core 7/0.2	Nitrile	UL
<b>RSF103YNP</b>	Nylon	25VA	M12 Connector	Nitrile	WRAS
<b>RSF103HNP</b>	Nylon	100VA	M12 Connector	Nitrile	WRAS
<b>RSF104YNP</b>	Polypropylene	25VA	M12 Connector	Nitrile	WRAS & NSF
<b>RSF104HNP</b>	Polypropylene	100VA	M12 Connector	Nitrile	WRAS & NSF
<b>RSF106YNP</b>	Polyphenylene Sulphide	25VA	M12 Connector	Nitrile	WRAS, UL & NSF
<b>RSF106HNP</b>	Polyphenylene Sulphide	100VA	M12 Connector	Nitrile	WRAS, UL & NSF
<b>RSF107YNP</b>	PVDF	25VA	M12 Connector	Nitrile	UL & NSF
<b>RSF107HNP</b>	PVDF	100VA	M12 Connector	Nitrile	UL & NSF
<b>RSF107YVP</b>	PVDF	25VA	M12 Connector	Viton	UL & NSF
<b>RSF107HVP</b>	PVDF	100VA	M12 Connector	Viton	UL & NSF
<b>RSF108YNP</b>	Polypropylene	25VA	M12 Connector	Nitrile	UL
<b>RSF108HNP</b>	Polypropylene	100VA	M12 Connector	Nitrile	UL

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