RSF10 Series High level switch for boiling water



The RSF10 series drop float has been designed to eliminate problems associated with limescale build up around the pivot point of a conventional float switch. It is also suitable in more viscous liquids, that might affect the pivot action of a standard float type.

This particular series is primarily for applications where a high level condition has to be monitored.

The drop float actuator allows the switch housing and float pivots to be located above the surface of the liquid and provides a normally closed switch contact, opening as the liquid level rises. They are manufactured in a range of materials, with a choice of gasket material, to suit most commonly used liquids.

Typical applications include wall kettles and hot vending machines.



- High level switch position
- WRAS approved for use in hot & cold water
- Many variants are UL recognised components File No. E171218
- High buoyancy float

Technical Specification	RSF14	RSF18	RSF16	
Material	Polypropylene	Polypropylene	Polyphenylene	
	WRAS approved	UL approved	Sulphide (PPS)	
Colour	Opaque	White	Grey	
Temp. Range °C -	-20 / +100	-20/+100	-10/+120*	
°F	-4 / +212	-4/+212	+14 / +248 *	
Min. Fluid SG	0.70	0.75	0.75	
Must close level (SG=1)	39mm	39mm	33mm	
Must open level (SG=1)	24mm	24mm	22mm	
* Maximum temperature requires ET	FE cable to be specified.			

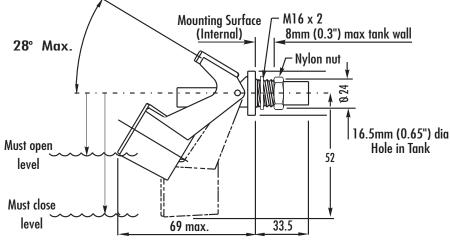
Electrical Specification		25W (Y code)	100W (H code)
Contact Form		N/O (N/C)	N/O (N/C)
Switching Power Max	VA	25	100
Switching Voltage AC Max	V	240	300
Switching Voltage DC Max	V	120	300
Switching Current Max	А	0.6	1
All ratings are for resistive I	oad only.		

Standard Parts	Material	Approvals	Max Power	Leadouts	Gasket
RSF14H100RF	PP	WRAS	100VA	1 metre PVC 16/0.2	Nitrile
RSF14Y100RF	PP	WRAS	25VA	1 metre PVC 16/0.2	Nitrile
RSF16H050TG	PPS	WRAS & UL	100VA	50cm ETFE 19/0.2	Viton
RSF16H100RF	PPS	WRAS & UL	100VA	1 metre PVC 16/0.2	Nitrile
RSF16Y050TG	PPS	WRAS & UL	25VA	50cm ETFE 19/0.2	Viton
RSF16Y100RF	PPS	WRAS & UL	25VA	1 metre PVC 16/0.2	Nitrile
RSF18H100RF	PP (UL)	UL	100VA	1 metre PVC 16/0.2	Nitrile
RSF18Y100RF	PP (UL)	UL	25VA	1 metre PVC 16/0.2	Nitrile

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

Mechanical Dimensions

All dimensions are in millimetres (inches)



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