

RSF70 SERIES

COMPACT EXTERNAL FITTING VIA COMPRESSION SEAL



The RSF70 series is designed for fitting through a tank wall from the outside, where access to the inside for fitting is not possible.

Typical applications include vending machines, commercial dishwashers and auxiliary tanks on vehicles.

These are manufactured in a variety of plastics, with a choice of gasket materials, to suit most commonly used liquids.

The switch action may be reversed by mounting the device with the float able to move upwards away from the body, instead of the more normal downwards direction.

Available with either flying leads or M12 socket for electrical connection. Cable sets with M12 plugs are also available.

Features

- Compression seal fitting
- Flying Lead or M12 plug connection
- Available in Nylon, Polypropylene, PPS or PVDF
- 25VA & 100VA versions
- Many variants are UL recognised components File No. E171218
- WRAS and NSF Approved versions available

SPECIFICATIONS

Technical

	RSF73	RSF74	RSF78	RSF76	RSF77	
Material	Nylon	Polypropylene WRAS approved	Polypropylene UL approved	Polyphenylene Sulphide (PPS)	Polyvinylidene Fluoride (PVDF)	
Colour	Black	Opaque	White	Grey	Green	
Temp. Range	°C	-20/+75	-20/+100	-20/+100	-10/+120*	-10/+105
	°F	-4/+167	-4/+212	-4/+212	+14/+248*	+14/+221
Min. Fluid SG	0.85	0.85	0.80	0.85	0.85	
Must Close Level (SG=1)	7mm	8mm	8mm	9mm	9mm	
Must Open Level (SG=1)	20mm	20mm	20mm	24mm	24mm	

* Maximum temperature requires ETFE cable to be specified.

Electrical

		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	Gasket	Approvals
RSF73H100RN	Nylon	100VA	100cm PVC 16/0.2	Nitrile	WRAS
RSF73Y100RN	Nylon	25VA	100cm PVC 16/0.2	Nitrile	WRAS
RSF73Y100RM	Nylon	25VA	100cm PVC 16/0.2	Silicone	WRAS
RSF74H100RN	Polypropylene	100VA	100cm PVC 16/0.2	Nitrile	WRAS & NSF
RSF74Y100RN	Polypropylene	25VA	100cm PVC 16/0.2	Nitrile	WRAS & NSF
RSF74Y100RM	Polypropylene	25VA	100cm PVC 16/0.2	Silicone	WRAS & NSF
RSF76H050TV	PPS	100VA	50cm ETFE 19/0.2	Viton	WRAS, UL & NSF
RSF76H100RN	PPS	100VA	100cm PVC 16/0.2	Nitrile	WRAS, UL & NSF
RSF76Y050TV	PPS	25VA	50cm ETFE 19/0.2	Viton	WRAS, UL & NSF
RSF76Y100TV	PPS	25VA	100cm ETFE 19/0.2	Viton	WRAS, UL & NSF
RSF76Y100RN	PPS	25VA	100cm PVC 16/0.2	Nitrile	WRAS, UL & NSF
RSF77Y100GN	PVDF	25VA	100cm PTFE 7/0.2	Nitrile	UL & NSF
RSF77H100GN	PVDF	100VA	100cm PTFE 7/0.2	Nitrile	UL & NSF
RSF77Y100GV	PVDF	25VA	100cm PTFE 7/0.2	Viton	UL & NSF
RSF77H100GV	PVDF	100VA	100cm PTFE 7/0.2	Viton	UL & NSF
RSF78H100RN	PP (UL)	100VA	100cm PVC 16/0.2	Nitrile	UL
RSF78Y100RN	PP (UL)	25VA	100cm PVC 16/0.2	Nitrile	UL
RSF73HNP	Nylon	100VA	M12 connector	Nitrile	WRAS
RSF73YNP	Nylon	25VA	M12 connector	Nitrile	WRAS
RSF74HNP	Polypropylene	100VA	M12 connector	Nitrile	WRAS & NSF
RSF74YNP	Polypropylene	25VA	M12 connector	Nitrile	WRAS & NSF
RSF76HNP	PPS	100VA	M12 connector	Nitrile	WRAS, UL & NSF
RSF76YNP	PPS	25VA	M12 connector	Nitrile	WRAS, UL & NSF
RSF77HNP	PVDF	100VA	M12 connector	Nitrile	UL & NSF
RSF77YNP	PVDF	25VA	M12 connector	Nitrile	UL & NSF
RSF77HVP	PVDF	100VA	M12 connector	Viton	UL & NSF
RSF77YVP	PVDF	25VA	M12 connector	Viton	UL & NSF
RSF78HNP	PP (UL)	100VA	M12 connector	Nitrile	UL
RSF78YNP	PP (UL)	25VA	M12 connector	Nitrile	UL

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