

RSF166 SERIES

DUAL SWITCH POINT SERIES - EXTERNAL MOUNT



The RSF166 float switch series is designed to offer a number of switching options to meet a variety of system requirements.

These are manufactured in PPS (Polyphenylene Sulphide), which are compatible with a wide range of liquids, and are mounted externally via a nitrile compression seal and a 22mm dia hole in the tank.

The single float types are generally used in systems with PLC control of processes.

The dual float versions can be used for controlling the filling or emptying of tanks via electromechanical relays.

Features

- External Mount via compression seal
- High & Low level switching
- PPS material
- Versions for Filling or Emptying Control
- UL recognised components File No. E171218
- WRAS Approved

TECHNICAL SPECIFICATIONS

(Common to both Single and Double Float versions)

Mechanical

Material	PPS				
Colour	Grey				
Temp. Range *	<table border="0"> <tr> <td>°C</td> <td>-10/+85</td> </tr> <tr> <td>°F</td> <td>+14/+185</td> </tr> </table>	°C	-10/+85	°F	+14/+185
°C	-10/+85				
°F	+14/+185				
Minimum Liquid SG	0.85				
Standard Cable Length	100cm				

* Temperature ranges refer to wetted parts.

Electrical

Switching Power VA Max	25
Switching Voltage AC Max	240
Switching Voltage DC Max	120
Switching Current Max A	0.6

All electrical ratings are for resistive loads only.

STANDARD PARTS

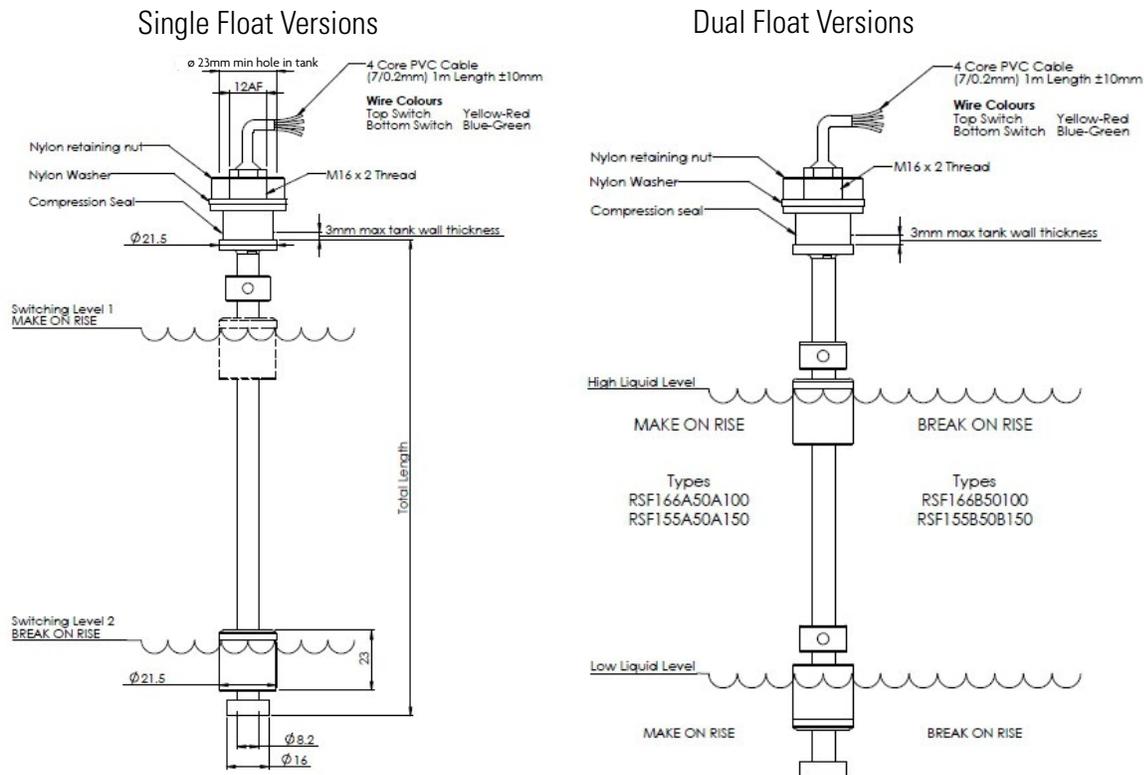
Single Float Versions	Upper Switch level	Lower Switch level	Total Length
RSF166A25B75	30mm	75mm	102mm
RSF166A25B100	30mm	100mm	127mm
RSF166A25B125	30mm	125mm	152mm
RSF166A25B150	30mm	150mm	177mm
RSF166A25B175	30mm	175mm	202mm

Dual Float Versions		Upper Switch level	Lower Switch level	Total Length
RSF166A50A100	Emptying Control	50mm	100mm	134mm
RSF166A50A150	Emptying Control	50mm	150mm	184mm
RSF166B50B100	Filling Control	50mm	100mm	127mm
RSF166B50B150	Filling Control	50mm	150mm	177mm

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

DIMENSIONS

All dimensions are in millimeters.



Made in the UK

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