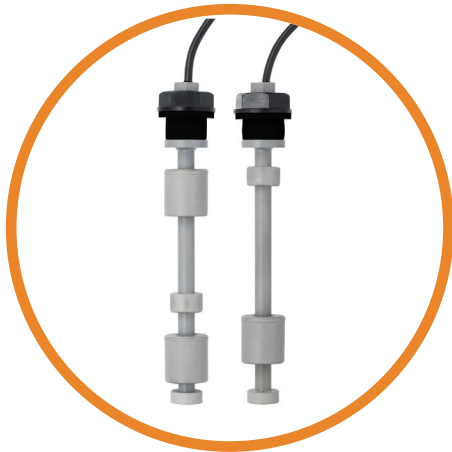


## RSF166 SERIES

### 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

<b>Material</b>	PPS				
<b>Colour</b>	Grey				
<b>Temp. Range *</b>	<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				
<b>Minimum Liquid SG</b>	0.85				
<b>Standard Cable Length</b>	100cm				

\* Temperature ranges refer to wetted parts.

#### Electrical

<b>Switching Power VA Max</b>	25
<b>Switching Voltage AC Max</b>	240
<b>Switching Voltage DC Max</b>	120
<b>Switching Current Max A</b>	0.6

All electrical ratings are for resistive loads only.

### STANDARD PARTS

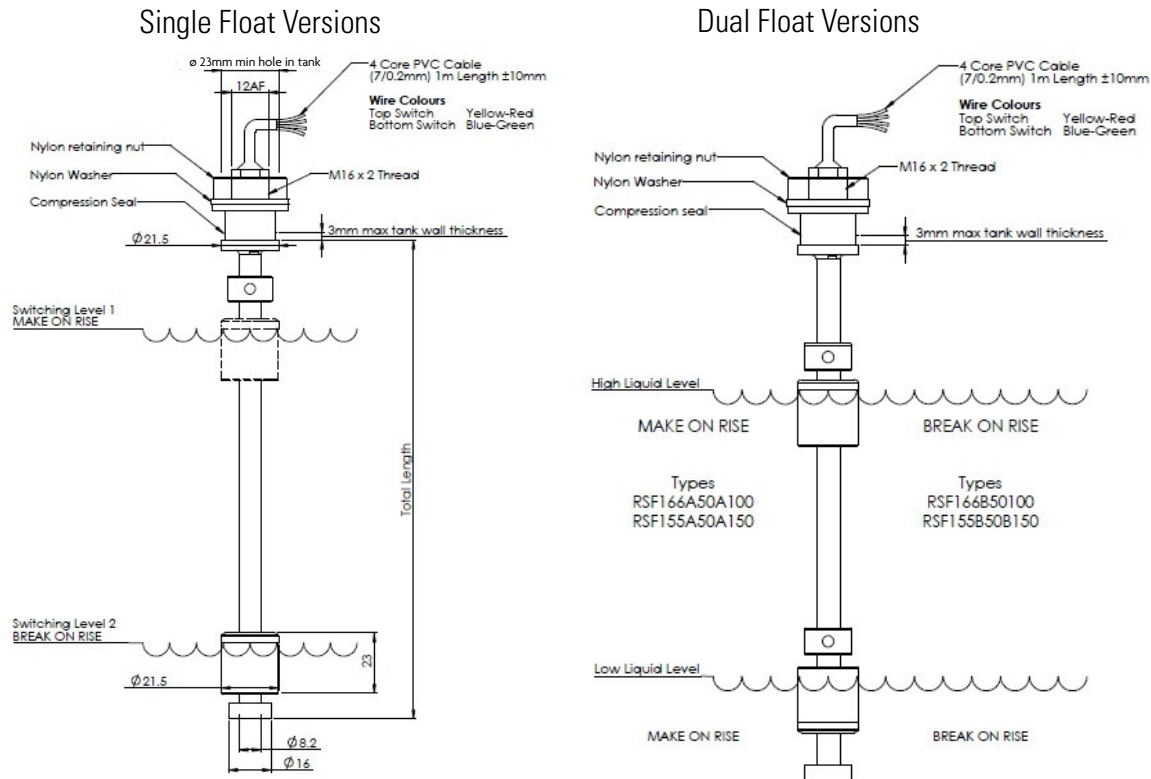
Single Float Versions	Upper Switch level	Lower Switch level	Total Length
<b>RSF166A25B75</b>	30mm	75mm	102mm
<b>RSF166A25B100</b>	30mm	100mm	127mm
<b>RSF166A25B125</b>	30mm	125mm	152mm
<b>RSF166A25B150</b>	30mm	150mm	177mm
<b>RSF166A25B175</b>	30mm	175mm	202mm

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

Page 2

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