

RSF166P SERIES

EXTERNAL MOUNT, DUAL SWITCH POINT SERIES WITH 4-PIN M12 CONNECTION



The RSF166P 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 is compatible with a wide range of liquids, and are mounted externally via a 22mm hole and nitrile compression seal.

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
- M12 4-pin connection for quick connection to circuit
- UL and WRAS Approved

TECHNICAL SPECIFICATIONS

(Common to both Single and Double Float versions)

Mechanical

| | |
|--------------------------|-------------|
| Material | PPS |
| Colour | Grey |
| Temp. Range | °C -10/+85 |
| | °F +14/+185 |
| Minimum Liquid SG | 0.85 |

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 |
|-----------------------|--------------------|--------------------|--------------|
| RSF166A25B75P | 30mm | 75mm | 102mm |
| RSF166A25B100P | 30mm | 100mm | 127mm |
| RSF166A25B125P | 30mm | 125mm | 152mm |
| RSF166A25B150P | 30mm | 150mm | 177mm |
| RSF166A25B175P | 30mm | 175mm | 202mm |

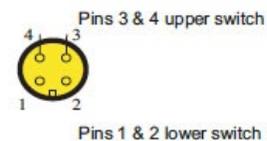
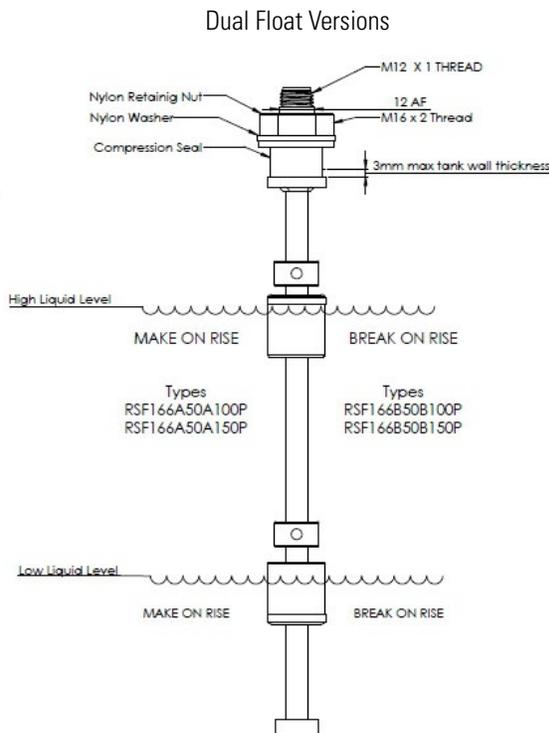
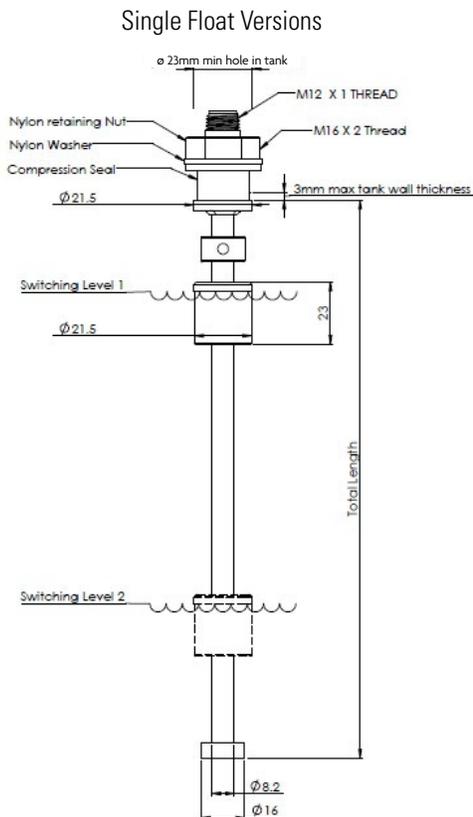
| Dual Float Versions | | Upper Switch level | Lower Switch level | Total Length |
|-----------------------|------------------|--------------------|--------------------|--------------|
| RSF166A50A100P | Emptying Control | 50mm | 100mm | 134mm |
| RSF166A50A150P | Emptying Control | 50mm | 150mm | 184mm |
| RSF166B50B100P | Filling Control | 50mm | 100mm | 127mm |
| RSF166B50B150P | 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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