

## SSF217 SERIES

### COMPACT EXTERNAL FITTING FLOAT SWITCH VIA 1/2" BSP THREAD



The SSF217 series are horizontally mounted switches that are fitted via 1/2" BSP thread from the outside of the tank, so does not require access to the inside of the tank.

These are manufactured in SS 304 & 316 and will work in liquids of SG 0.8 minimum.

These are available with M12 4-pin socket connections.

The switch action may be reversed by mounting the device with the orientation arrow pointing downwards, instead of the normal upwards direction.

#### Features

- External fitting via 1/2" BSP thread
- SS 316 float
- Compact switch design
- Operating temperature up to 120°C
- User configurable N/O (make on rise) or N/C (make on fall)

## SPECIFICATIONS

### Technical

|   |                    |
|---|--------------------|
| <b>Mounting Style</b>                   | External           |
| <b>Mounting Thread</b>                  | 1/2" BSP           |
| <b>Float &amp; Stem Material</b>        | 316 & 304 grade SS |
| <b>Maximum Temperature</b>              | 120°C              |
| <b>Maximum Pressure</b>                 | 5 bar              |
| <b>Float SG</b>                         | 0.7                |
| <b>Minimum Fluid SG</b>                 | 0.8                |
| <b>Cable Length</b>                     | M12 connector      |
| <b>Sealing Gasket</b>                   | Not supplied       |
| <b>Tightening Torque for Fixing Nut</b> | 2.0kg/cm           |

### Electrical

|                                 |    |           |
|---------------------------------|----|-----------|
| <b>Contact Form</b>             |    | N/O (N/C) |
| <b>Switching Power Max</b>      | VA | 50        |
| <b>Switching Voltage AC Max</b> | V  | 300       |
| <b>Switching Voltage DC Max</b> | V  | 300       |
| <b>Switching Current Max</b>    | A  | 0.5       |

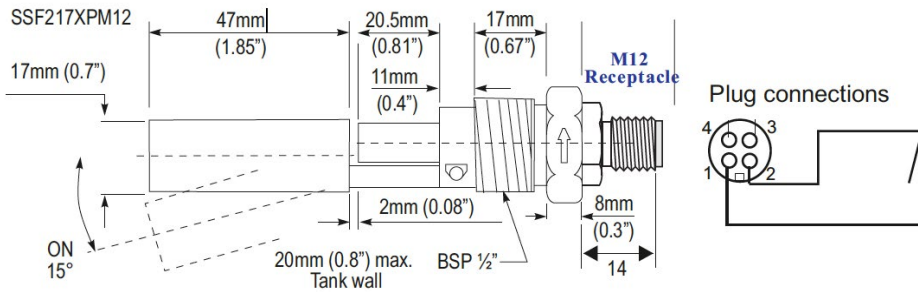
All ratings are for resistive load only.

|                    | Float Material | Stem Material | Max Power | Leadouts   |
|--------------------|----------------|---------------|-----------|------------|
| <b>SSF217XPM12</b> | SS 316         | SS 304        | 50VA      | M12 socket |

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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