

SSF212 SERIES

COMPACT EXTERNAL FITTING VIA 1/2"NPT THREAD



The SSF212 series are horizontally mounted switches that are fitted via a 1/2"NPT 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.

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

These are available with either 100cm flying lead, DIN 43650 plug & socket or M12 round connection.

Cable sets are available for use with M12 connection versions.

Features

- External fitting via 1/2"NPT thread
- SS 316 float
- Compact switch design
- High Temperature version available (180°C)
- User configurable N/O (make on rise) or N/C (make on fall)

SPECIFICATIONS

Technical

| | |
|---|-------------------------|
| Mounting Style | External |
| Mounting Thread | 1/2"NPT |
| Float & Stem Material | 316 & 304 grade SS |
| Maximum Temperature | 120°C (H version 180°C) |
| Maximum Pressure | 5 bar |
| Float SG | 0.7 |
| Minimum Fluid SG | 0.8 |
| Cable Length - Standard | 100cm or plug |
| Cable Size | 17/0.10 - AWG22 |
| Cable Conductor Material | Tinned copper |
| Cable Sheath Material | XLPE |
| Cable Temperature Rating | 125°C |
| Sealing Gasket | Not supplied |
| Tightening Torque for Fixing Nut | 2.0kg/cm |

Electrical

| | | |
|---------------------------------|----|----------------------------|
| Contact Form | | N/O (N/C) |
| Switching Power Max | VA | 50 |
| Switching Voltage AC Max | V | 300 (SSF212XPM12 = 240Vac) |
| Switching Voltage DC Max | V | 300 (SSF212XPM12 = 200Vdc) |
| Switching Current Max | A | 0.5 |

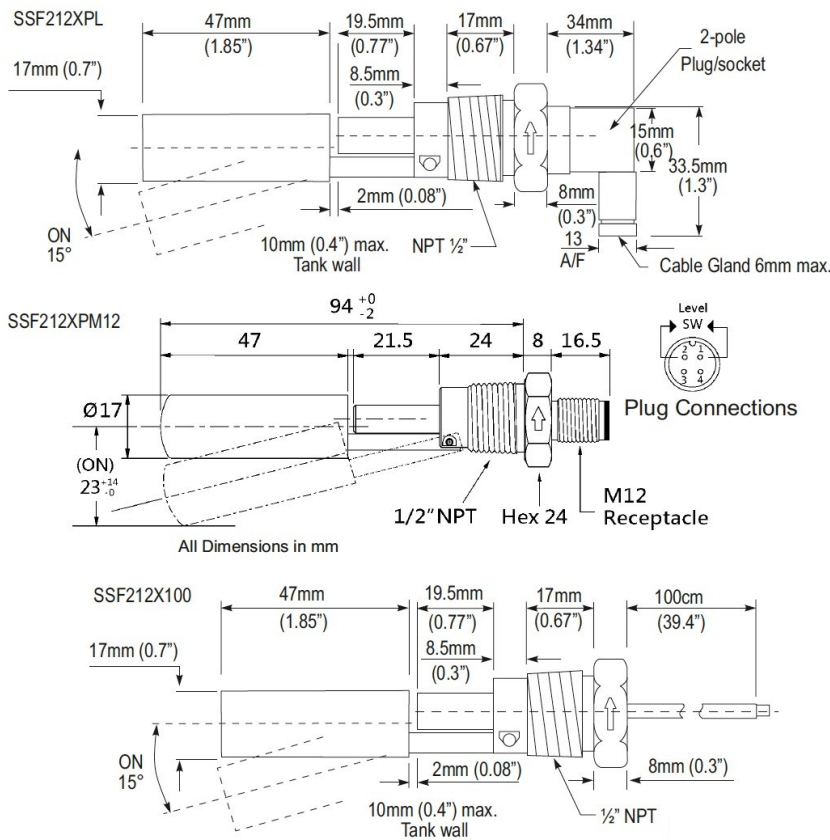
All ratings are for resistive load only.

| | Float Material | Stem Material | Max Power | Leadouts |
|--------------------|----------------|---------------|-----------|-------------------|
| SSF212X100 | SS 316 | SS 304 | 50VA | 100cm XLPE 17/0.1 |
| SSF212X100H | SS 316 | SS 304 | 50VA | 100cm XLPE 17/0.1 |
| SSF212XPL | SS 316 | SS 304 | 50VA | Plug & Socket |
| SSF212XPM12 | SS 316 | SS 304 | 50VA | M12 4-pin 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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