

Compact, External ST/ST Horizontal Float Switch - 1/2"NPT with M12 4-pin connector



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.

STANDARD PARTS

RS Stock No.	Float Material	Stem Material	Max Power	Electric connection
1919512	SS 316	SS 304	50VA	M12 4-pin socket

DIMENSIONS

All dimensions are in millimeters.

