

# SSF212 Series

## Compact external fitting via 1/2" NPT thread



- 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)

### Technical Specification

Mounting style	External	Cable length - standard	100cm or plug
Mounting thread	1/2" NPT	Cable size	17/0.10 - AWG22
Float & Stem material	316 & 304 grade SS	Cable conductor material	Tinned copper
Maximum Temperature	120°C (H version 180°C)	Cable sheath material	XLPE
Maximum pressure	5 bar	Cable temperature rating	125°C
Float SG	0.7	Sealing gasket	Not supplied
Minimum fluid SG	0.8	Tightening torque for fixing nut	2.0kg/cm

### Electrical Specification

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	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	SS316	SS304	50VA	M12 4-pin socket

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.

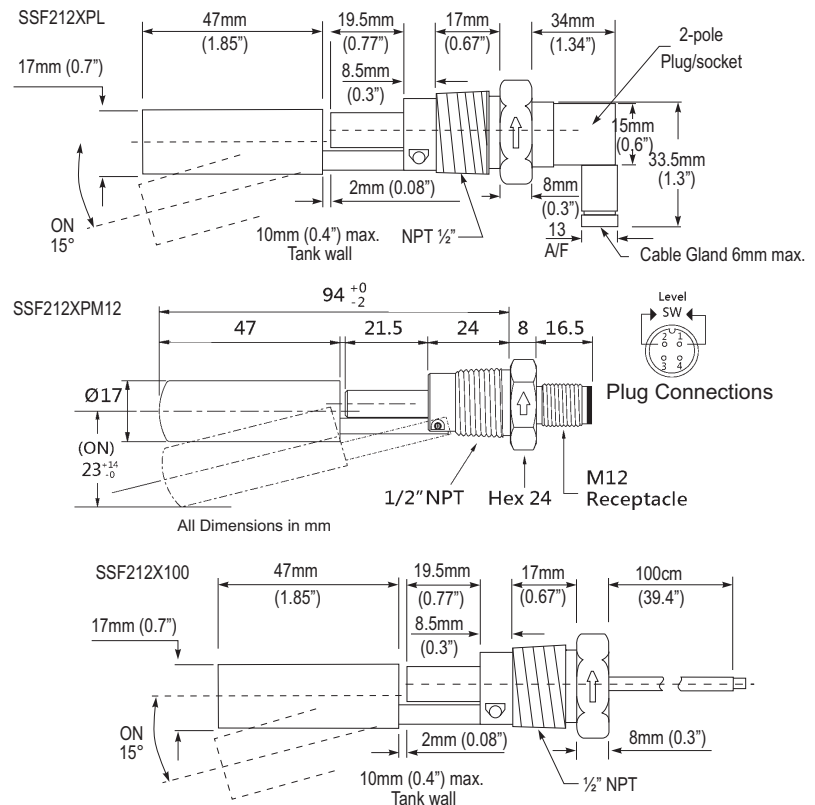
The switch action may be reversed by mounting the device with the orientation arrow pointing downwards, instead of the normal upwards direction.

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.

Custom versions can be made for particular applications. Please contact Cynergy3 with your requirements.

### Mechanical Dimensions



Cynergy3 Components Ltd.  
7 Cobham Road  
Ferndown Industrial Estate  
Wimborne, Dorset BH21 7PE  
Telephone +44 (0) 1202 897969

Email: sales@cynergy3.com

ISO9001 CERTIFIED

SSF212 2017

www.cynergy3.com