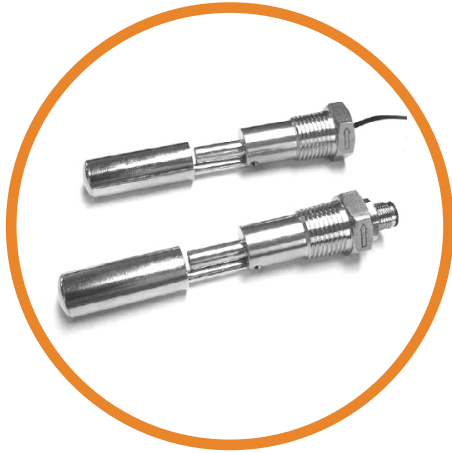


SSF215 SERIES

LONG REACH EXTERNAL MOUNT FLOAT SWITCH VIA 1/2"NPT



The SSF215 series of floatswitches are externally mounted horizontal switches. This series has an extended reach to provide a solution for extra thick tank walls or for mounting in welded on 1/2"NPT bosses.

The 1/2"NPT thread enables the switches to be fitted through the wall of a tank from the outside, so does not require access to the inside of the tank.

The floatswitch can be fitted to achieve either N/O (make on rise) or N/C (make on fall) switching action by simply rotating the switch through 180°.

Features

- Long reach for thick walled tanks and boss mounting
- Available with flying lead or M12 plug connection
- Float material SS 316, stem material SS 304
- External mount via 1/2"NPT thread, so does not require access to the inside of the tank for fitting.
- N/O or N/C switching action

SPECIFICATIONS

Technical

Mounting Style	External
Mounting Thread	1/2"NPT
Float & Stem Material	316/304 grade SS
Maximum Temperature	SSF215X100 180°C
Maximum Pressure	10 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	Teflon
Cable Temperature Rating	200°C

Tightening torque should be adequate to ensure a good seal.

Electrical

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

All ratings are for resistive load only.

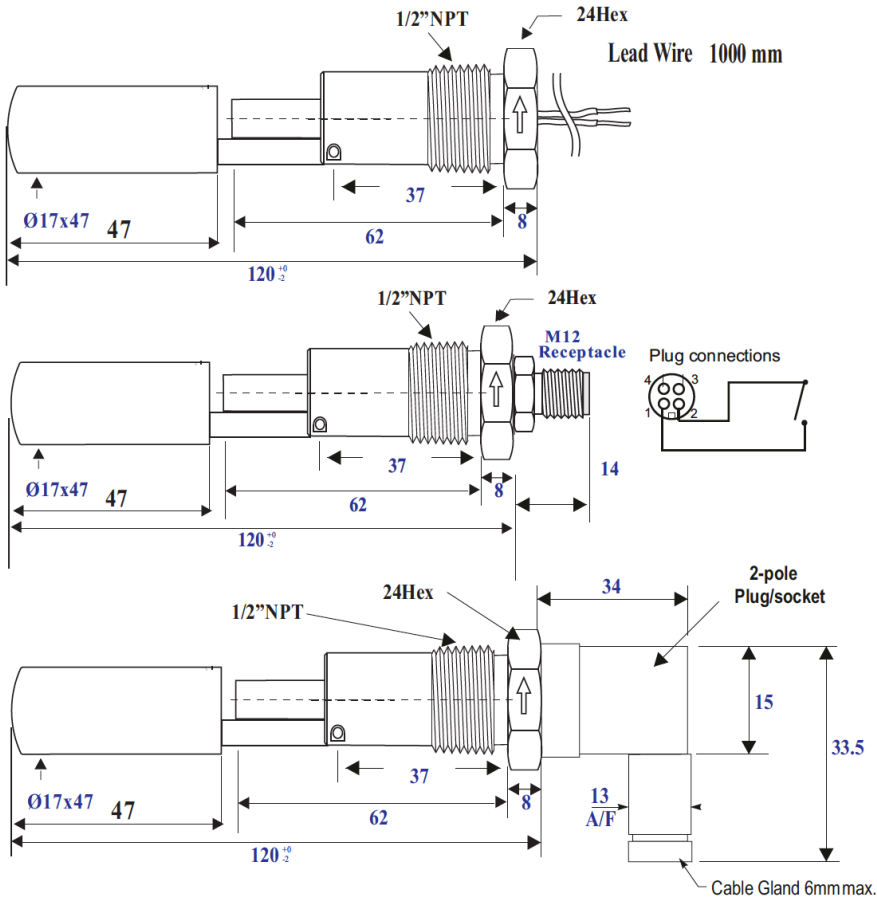
STANDARD PARTS

	Stem Material	Float Material	Connection
SSF215X100	SS 304	SS 316	100cm Teflon AWG 22
SSF215XPM12	SS 304	SS 316	M12 Plug connection
SSF215XPL	SS 304	SS 316	DIN43650

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

DIMENSIONS

All dimensions are in millimeters.



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