



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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# SSF215 Series

## Long reach external mount float switch via 1/2"NPT

- 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



### 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            | Cable sheath material                                      | Teflon          |
| Maximum pressure      | 10 bar           | Cable temperature rating                                   | 200°C           |
| Float SG              | 0.7              | Tightening torque should be adequate to ensure a good seal |                 |
| Minimum fluid SG      | 0.8              |                                                            |                 |

### Electrical Specification

|                          |    |           |
|--------------------------|----|-----------|
| 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.

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.

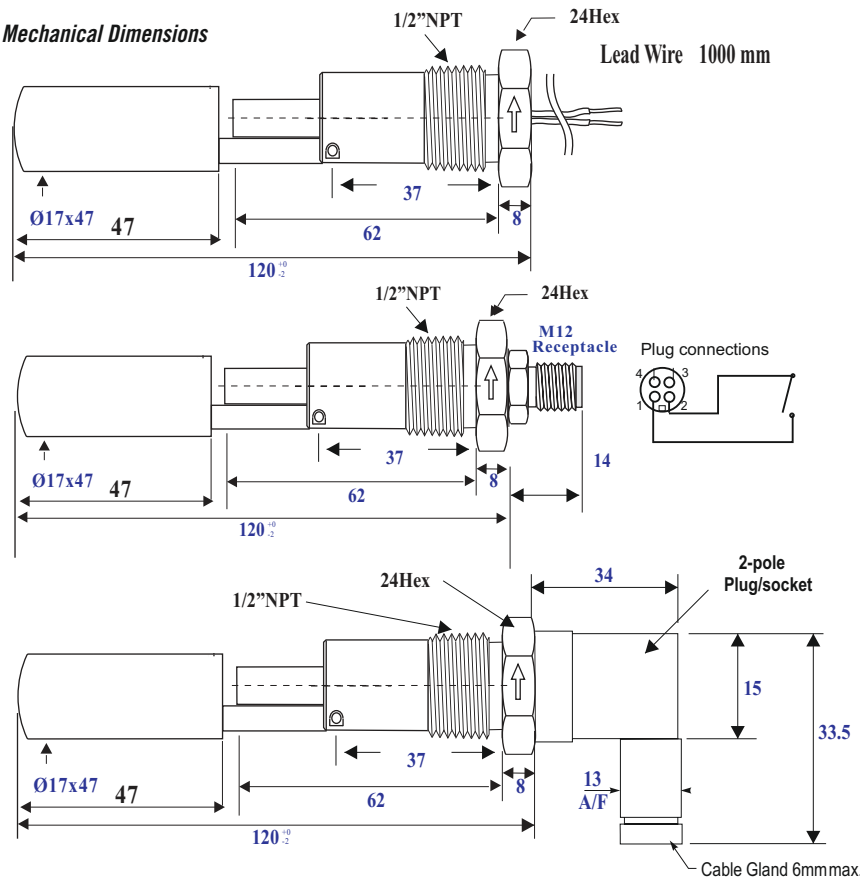
The floatswitch can be fitted to achieve either N/O (make on rise) or N/C (make on fall) switching action by simply rotating the switch through 180°.

### Standard Parts

| Standard Parts | Stem Material | Float Material | Connection          |
|----------------|---------------|----------------|---------------------|
| SSF215X100     | SS304         | SS316          | 100cm Teflon AWG 22 |
| SSF215XPM12    | SS304         | SS316          | M12 Plug connection |
| SSF215XPL      | SS304         | SS316          | DIN43650            |

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

### Mechanical Dimensions



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