



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.

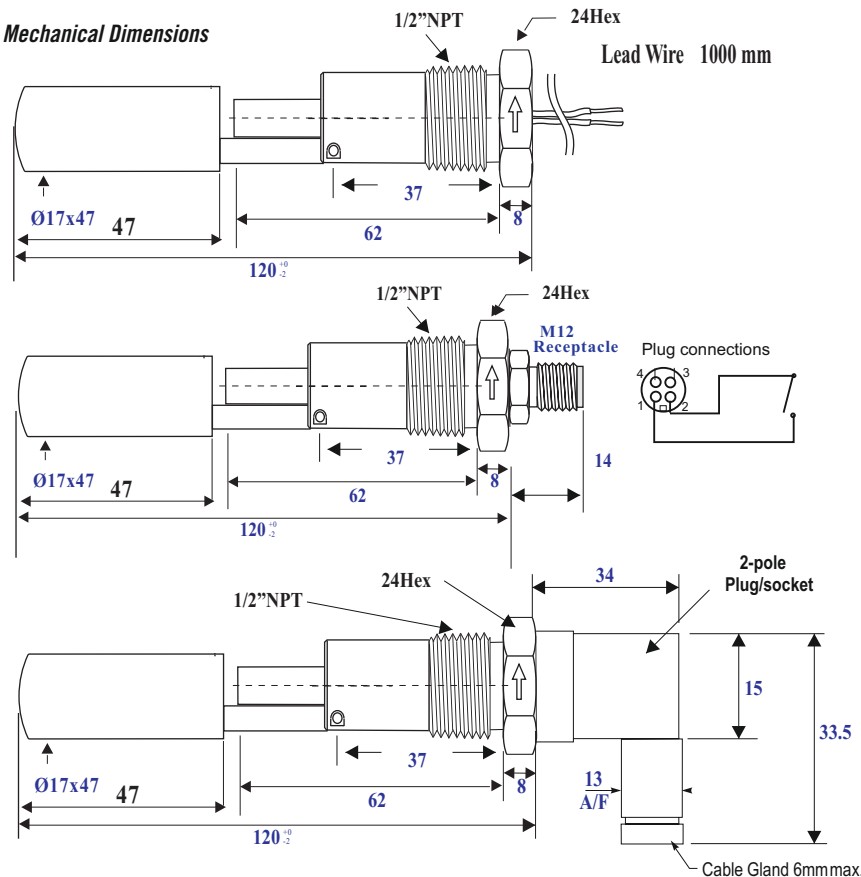
The floatswitch can be fitted to achieve either N/O (make on rise) or N/C (make on fall) switching action by simply rotating the switch through 180°.

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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