

SSF67PM12 SERIES

DUAL SWITCH POINT STAINLESS WITH M12 CONNECTION



The SSF67 has been designed to give the user a long reach float switch with a number of switching options, to cater for a wide variety of system requirements. Manufactured in Stainless Steel 316L material, these switches are suitable for use in many aggressive liquids or hygienic applications.

These are now available with industry standard M12 round 4 pin IP67 connectors.

The single float version gives high (make on rise) and low (make on fall) level indications for alarms and controls systems.

The dual float versions give either make on rise for both high and low levels (used for tank emptying control) or make on fall for both high and low levels (used for tank filling control).

The switches are screw mounted vertically via M16x2 thread, so require access to the inside of the tank.

Features

- Stainless Steel 316L material
- Single or dual switching levels
- M12 4 pin IP67 connection for quick connection to circuit
- Process temperatures up to 135°C

SPECIFICATIONS

Technical

| | |
|---|-----------------------------|
| Mounting Style | Internal |
| Mounting Thread | M16 |
| Float & Stem Material | 316 grade SS |
| Maximum Pressure | 10 bar (up to 500mm length) |
| Fluid SG | 0.7 |
| Connection | M12 4pin |
| Maximum Temperature | 135°C |
| Sealing Gasket | Nitrile |
| Tightening Torque for Fixing Nut | 2.0kg/cm |
| Minimum Fluid SG | 0.8 |

Electrical

| | | |
|---------------------------------|----|-----------|
| Contact Form | | N/O (N/C) |
| Switching Power Max | VA | 25 |
| Switching Voltage AC Max | V | 250 |
| Switching Voltage DC Max | V | 120 |
| Switching Current Max | A | 0.6 |

All ratings are for resistive load only.



STANDARD PARTS

| | Upper Level | Lower Level | Total Length | Application |
|--------------------------|--------------------|--------------------|---------------------|--------------------|
| SSF67A25B75PM12 | 25mm | 75mm | 102mm | Max & Min |
| SSF67A25B100PM12 | 25mm | 100mm | 127mm | Max & Min |
| SSF67A25B125PM12 | 25mm | 125mm | 152mm | Max & Min |
| SSF67A25B150PM12 | 25mm | 150mm | 177mm | Max & Min |
| SSF67A25B175PM12 | 25mm | 175mm | 202mm | Max & Min |
| SSF67A25B200PM12 | 25mm | 200mm | 227mm | Max & Min |
| SSF67A25B225PM12 | 25mm | 225mm | 252mm | Max & Min |
| SSF67A25B250PM12 | 25mm | 250mm | 277mm | Max & Min |
| SSF67A25B300PM12 | 25mm | 300mm | 327mm | Max & Min |
| SSF67A50A100 PM12 | 50mm | 100mm | 127mm | Empty control |
| SSF67A50A150 PM12 | 50mm | 150mm | 177mm | Empty control |
| SSF67A50A200 PM12 | 50mm | 200mm | 227mm | Empty control |
| SSF67A50A250 PM12 | 50mm | 250mm | 277mm | Empty control |
| SSF67B50B100PM12 | 50mm | 100mm | 127mm | Fill control |
| SSF67B50B150PM12 | 50mm | 150mm | 177mm | Fill control |
| SSF67B50B200PM12 | 50mm | 200mm | 227mm | Fill control |
| SSF67B50B250PM12 | 50mm | 250mm | 277mm | Fill control |

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