

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.