# SSF50 SERIES

## COMPACT FLOAT SWITCH WITH INTEGRAL SLOSH GUARD & OPTIONAL CHECK FACILITY



The SSF50 series is a compact vertical float switch with an integral acrylic slosh guard to reduce inadvertent operation in turbulent fluids. The unit can be mounted to a vertical surface or via a U-bolt (not supplied) using the integrated mounting bracket.

The metal components are manufactured from a combination of 316 and 304 grade stainless steels.

The switch action may be reversed by removing the float, inverting and then refitting it to the central stem (tools required).

The unit can be supplied complete with an integral test facility whereby the float can be manually raised to check the operation of the switch.

### Features

## SPECIFICATIONS

### Technical

| | |
|---|---|
| **Mounting Style** | Mounting bracket included |
| **Cable Size** | 17/0.16 - AWG22 |
| **Float & Stem Material** | 316 and 304 grade SS |
| **Cable Sheath Material** | FEP |
| **Maximum Pressure** | Ambient |
| **Float SG** | 0.7 |
| **Cable Length - Standard** | 100cm |
| **Cable Entry Rating** | designed to IP67 |
| **SLOSH Shield Material** | Acrylic 60mm dia x 4mm |
| **Total Weight (-C version)** | 335g |
| **Maximum Temperature** | 80ºC |
| **Minimum Fluid SG** | 0.8 |

### Electrical

| | | |
|---|---|---|
| **Contact Form** | | N/O (N/C) |
| **Switching Power Max** | VA | 50 |
| **Switching Voltage AC Max** | V | 240 |
| **Switching Voltage DC Max** | V | 200 |
| **Switching Current Max** | A | 0.5 |

All ratings are for resistive load only.

## STANDARD PARTS

| | Description |
|---|---|
| **SSF50X100X** | |
| **SSF50X100X-C** | |

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

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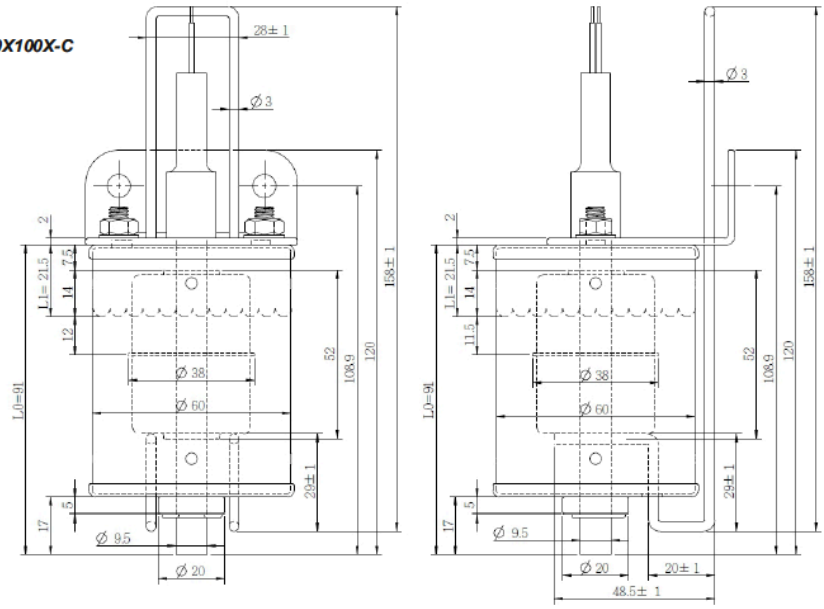


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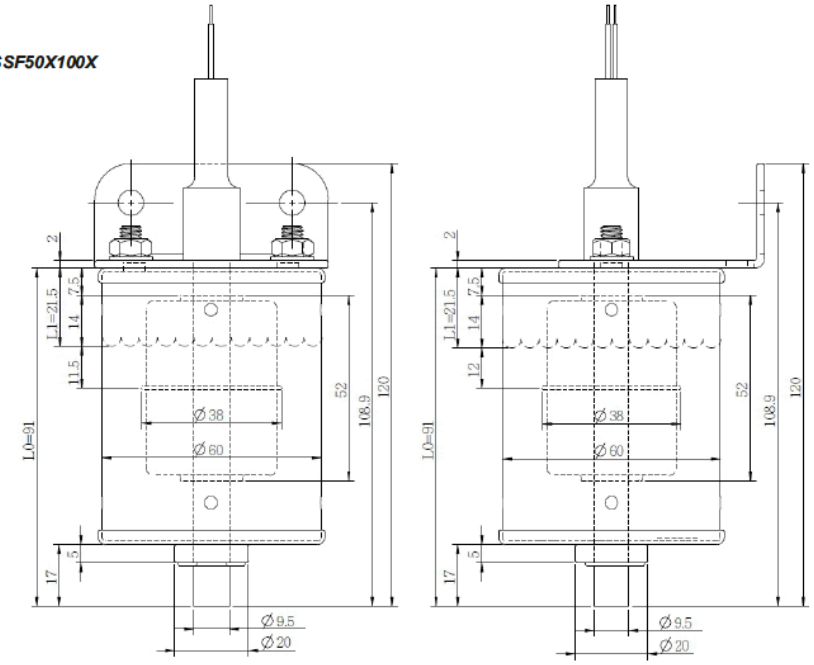
## DIMENSIONS

All dimensions are in millimeters.

**SSF50X100X-C**




**SSF50X100X**






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