

## LLF50 & LLF60 SERIES

### VERTICAL FAST LIFT FLOAT SWITCHES



The LLF series of vertical float switches have been developed for applications where very low liquid levels need to be detected.

The LLF uses a large diameter Buna float to allow operation in SG as low as 0.45. The switch is capable of operating in as low as 6mm of water.

Two standard lengths are available with either make on rise or make on fall switching action.

Typical uses include drip tanks, hatch alarms and other applications where highly sensitive liquid detection is required.

### Features

- Operates in 10mm minimum liquid
- 50mm & 200mm length versions
- Vertical mount M12 or M16
- Will operate in low SG (0.45)

## SPECIFICATIONS

### Technical

		LLF59	LLF69
<b>Material</b>	<b>Stem</b>	Nylon	PPS
	<b>Float</b>	Buna	Buna
<b>Temp. Range</b>	<b>°C</b>	-20/+75	
	<b>°F</b>	-4/+167	
<b>Min. Fluid SG</b>		0.45	
<b>Must Close Level (SG=1)</b>		10mm	
<b>Must Open Level (SG=1)</b>		12mm	

\* Temperature ranges refer to wetted parts.

### Electrical

<b>Contact Form</b>		N/O (N/C)
<b>Switching Power Max</b>	VA	25
<b>Switching Voltage AC Max</b>	V	240
<b>Switching Voltage DC Max</b>	V	120
<b>Switching Current Max</b>	A	0.6

All ratings are for resistive load only.

## STANDARD PARTS

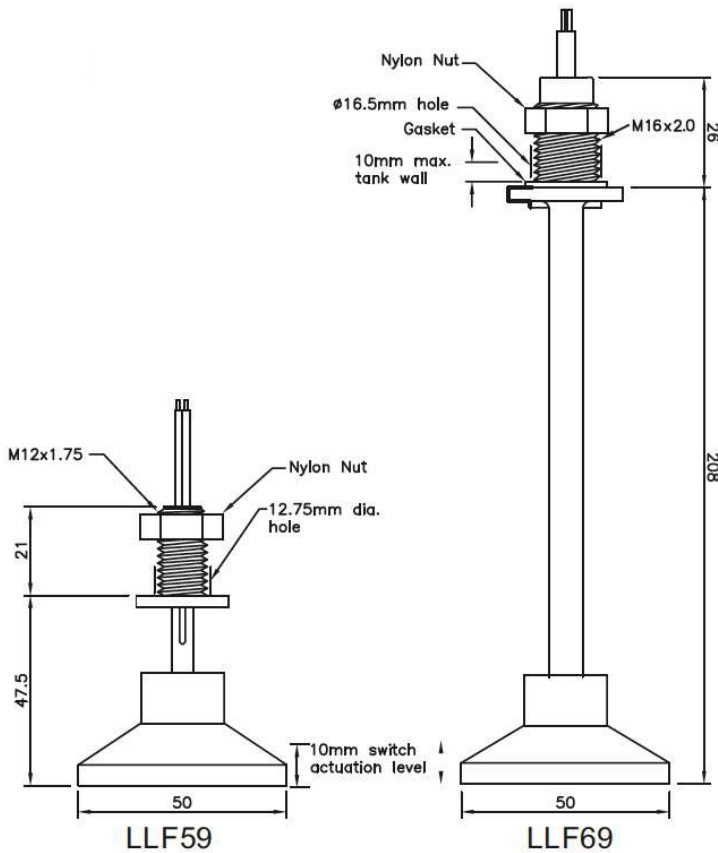
	Material	Switch Action	Leadouts	Gasket
<b>LLF59Y100JC</b>	Nylon/Buna	Make on rise	100cm 2 core PVC 7/0.2	Nitrile
<b>LLF59Y100JC004</b>	Nylon/Buna	Make on fall	100cm 2 core PVC 7/0.2	Nitrile
<b>LLF69A198</b>	PPS/Buna	Make on rise	100cm 2 core PVC 7/0.2	Nitrile
<b>LLF69B198</b>	PPS/Buna	Make on fall	100cm 2 core PVC 7/0.2	Nitrile

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



## DIMENSIONS

All dimensions are in millimeters.



Made in the UK

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