

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

* Temperature ranges refer to wetted parts.

Electrical

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

All ratings are for resistive load only.

STANDARD PARTS

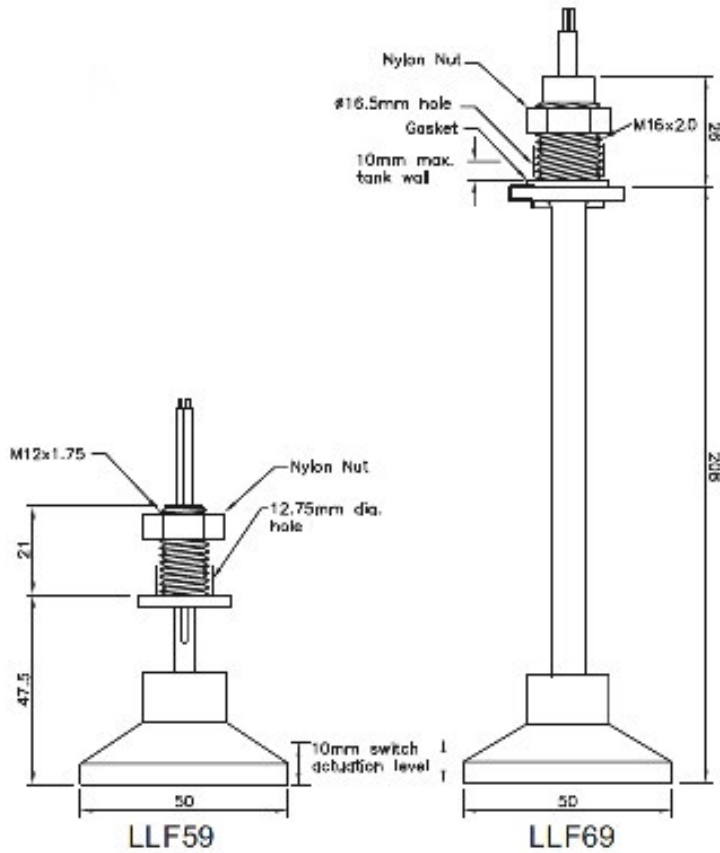
	Material	Switch Action	Leadouts	Gasket
LLF59Y100JC	Nylon/Buna	Make on rise	100cm 2 core PVC 7/0.2	Nitrile
LLF59Y100JC004	Nylon/Buna	Make on fall	100cm 2 core PVC 7/0.2	Nitrile
LLF69A198	PPS/Buna	Make on rise	100cm 2 core PVC 7/0.2	Nitrile
LLF69B198	PPS/Buna	Make on fall	100cm 2 core PVC 7/0.2	Nitrile

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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