

LLF40 SERIES

COMPACT INTERNAL FITTING, LOW LEVEL, LOW S.G. FLOAT SWITCH



The LLF40 series is designed as a compact internal fitting device, with a wide range of options, making this ideal for size sensitive applications. Mounting of this series requires access to the inside of the tank.

These devices are particularly suitable for detecting low levels of liquids in the bottom of tanks and containers, and for lower SG liquids. Typical applications include vending machines, commercial washing machines and evaporator units.

They are manufactured in a variety of materials with a choice of gasket materials, to suit most commonly used liquids.

The switch action may be reversed by rotating the device through 180°.

Available with flying leads or M12 socket for electrical connection. Cable sets with M12 plugs are also available.

Features

- Suitable for low specific gravity liquids (0.7 S.G.)
- Very low level sensing
- Class leading compact design
- Flying Lead or M12 plug connection
- Available in Nylon, Polypropylene, PPS or PVDF
- 25VA

SPECIFICATIONS

Technical

	1919476, 1919479	1919477, 1919480	1919478, 1919481
Material	Nylon	Polypropylene	Polyphenylene Sulphide (PPS)
Colour	Black	Opaque	Grey
Temp. Range	°C	-20/+75	-20/+100
		°F	-4/+167
Min. Fluid SG	0.7	0.7	0.7
Must Close Level (SG=1)	1mm	1mm	1mm
Must Open Level (SG=1)	10mm	10mm	10mm

* ETFE cable needs to be selected in order to achieve the maximum temperature rating

Electrical

		25W (Y code)
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

RS Stock No.	Material	Max Power	Leadouts	Gasket
1919476	Nylon	25VA	100cm PVC 16/0.2	Nitrile
1919477	PP	25VA	100cm PVC 16/0.2	Nitrile
1919478	PPS	25VA	100cm PVC 16/0.2	Nitrile
1919479	Nylon	25VA	M12 connector	Nitrile
1919480	PP	25VA	M12 connector	Nitrile
1919481	PPS	25VA	M12 connector	Nitrile

DIMENSIONS

All dimensions are in millimeters.

