

Datasheet

RS PRO External Nylon Float Switch

Stock No.s: 1919486, 1919483, 1919482, 1919487, 1919485, 1919484,

1919488, 1919464



| LLF70 SERIES

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



The LLF70 series is designed for fitting through a tank wall from the outside, where access to the inside for fitting is not possible.

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 dishwashers and auxiliary tanks on vehicles.

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

The switch action may be reversed by mounting the device with the float able to move upwards away from the body, instead of the more normal downwards direction.

Available with either 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
- Compression seal fitting
- Flying Lead or M12 plug connection
- Available in Nylon, Polypropylene, PPS
- 25VA



Technical

		1919483, 1919482, 1919486	1919485, 1919484, 1919487	1919464, 1919488
Matarial		Nylon	Polypropylene	Polyphenylene
Material				Sulphide (PPS)
Colour		Black	Opaque	Grey
Temp Range	°C	-20/+75	-20/+100	-10/+120*
-	°F	-4/+167	-4/+212	+14/+248*
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	Α	0.6

All ratings are for resistive load only.

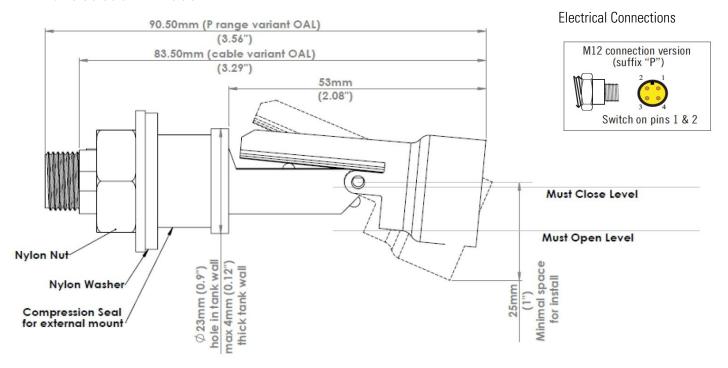


STANDARD PARTS

RS Stock No.	Material	Max Power	Leadouts	Gasket
1919483	Nylon	25VA	100cm PVC 16/0.2	Silicone
1919482	Nylon	25VA	100cm PVC 16/0.2	Nitrile
1919485	PP	25VA	100cm PVC 16/0.2	Silicone
1919484	PP	25VA	100cm PVC 16/0.2	Nitrile
1919464	PPS	25VA	100cm PVC 16/0.2	Nitrile
1919486	Nylon	25VA	M12 connection	Nitrile
1919487	PP	25VA	M12 connection	Nitrile
1919488	PPS	25VA	M12 connection	Nitrile

DIMENSIONS

All dimensions are in millimeters.



LLF70 RS Pro 2022 Page 2