

Large Size - Engineered Plastics

Select from these Engineered Plastics for Aggressive or Ultra-Pure Liquids

Each of these series offers unique features. Choose from this selection when all-plastic material is desirable and tank space is not restricted.



Particularly well suited for rough service. Ideal for use in chemical and plating applications.

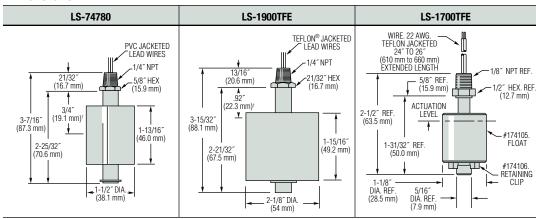


Resists build-up of foreign material or sticky media. Float travel remains uninhibited in viscous or corrosive liquids. SPDT switch.



A medium-size solution for ultra-pure liquid level sensing. Made of corrosion resistant PTFE for low particle generation.

Dimensions



t₁=Switch actuation level, nominal (based on a liquid specific gravity of 1.0 and N.O. dry circuit-dimension will vary for N.C. circuit).

Common Specifications

Electrical Termination: No. 18 AWG, 24" L., Lead Wires (Jacket material is indicated on dimensional drawings, above).

RoHS: In compliance with EU-directive 2011/65/EC requirements for chemicals and substances.

How To Order - Select Part Number based on specifications required.

Series Number	Materials		Min Linuid		Pressure,		Part Number	
	Stem, Mounting	Float	Min. Liquid Sp. Gr.	Operating Temperature	PSI, Max.	Switch*	Mounting Size	
	and Other Wetted						1/4" NPT	1/8" NPT
LS-74780	CPVC		.85	-40°F to +180°F (-40°C to +82.2°C)	15	SPST, 20 VA	74780** 🗲	_
LS-1900TFE	Teflon®		.80	-40°F to +300°F (-40°C to +148.9°C)	30	SPDT, 20 VA	133299 🗲	_
LS-1700TFE	PTFE		.86	+32°F to +212°F (0°C to +100°C)	25	SPST, 20 VA, N.O.	_	174100 🗲
	FIFE		.00	+32 F t0 +212 F (0 C t0 +100 C)	25	SPST, 20 VA, N.C.	_	174200 🗲

^{*} See "Electrical Data" on Page X-5 for more information.

^{**} Switch operation is selectable, N.O. or N.C., by inverting the float on the unit stem. Units are shipped N.O. unless otherwise specified.

^{†† 100} VA switches are not U.L. Recognized.

Stock Items.

Large Size - Alloys

LS-1800 and LS-1900 Series are a Step Above Our Plastic Units for Pressure Capabilities

Excellent stability for general use in oils and water.

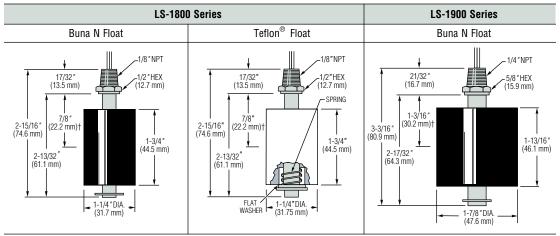




Intermediate in size, LS-1800 switches provide long life and dependability to meet a broad range of requirements.

With large float displacement, switch withstands rough service; is suitable for high viscosity liquids.

Dimensions



†L, = Switch actuation level, nominal (based on a liquid specific gravity of 1.0).

Common Specifications

Electrical Termination: No.18 AWG, 24" L., Polymeric Lead Wires.

Approvals: All Switches on this page are U.L. Recognized – File No. E45168, and are CSA Listed – File No. 30200. RoHS – In compliance with EU-directive 2011/65/EC requirements for chemicals and substances.

Switch Operation: Selectable, N.O. or N.C., by inverting float on unit stem (except for LS-1800 Series switch with Teflon® float). Units are shipped N.O. unless otherwise specified.

How To Order - Select Part Number based on specifications required.

		Material						
Series Number	Stem and Mounting	Float	Other Wetted	Min. Liquid Sp. Gr.	Operating Temperature	Pressure, PSI, Max.	Switch* SPST	Part Number
LS-1800	Brass	Buna N	316 Stainless Steel, Hysol	.75	Water: to 180°F (82°C) Oil: -40°F to +230°F (-40°C to +110°C)	150	20 VA	01801 🗲
							100 VA**	35651 🗲
	316 Stainless Steel	Buna N		.75			20 VA	01807 🗲
							100 VA**	35657 🗲
		Teflon®		.65	-40°F to +250°F (-40°C to +121°C)	300	20 VA, N.O.	01811 🗲
LS-1900	Brass	- Buna N	316 Stainless Steel, Hysol	.55	Water: to 180°F (82°C) Oil: -40°F to +230°F (-40°C to +110°C)	150	20 VA	01901 🗲
							100 VA***	35676 🗲
	316 Stainless Steel			.55			20 VA	01907 🗲
							100 VA	35682 🗲

^{*}See "Electrical Data" on Page X-5 for more information.

*** LS-1900 100VA unit is UL Resistive Rated.

^{**}LS-1800 100 VA switches are not U.L. Recognized.