

Pressure & Vacuum Flow Level & Temperature Tube & Fittings HVACR

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.



For water-based liquids, with limited use in oils and chemicals. Cost is suited for high volume OEM use. Polysulfone material of construction complies with FDA food contact regulations.



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

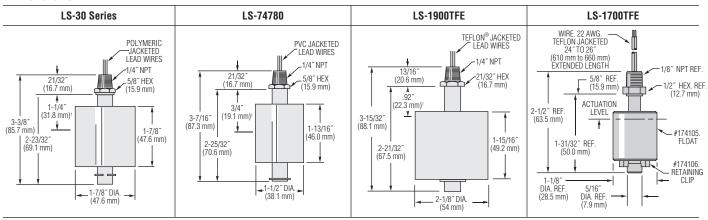


Resists build-up of foreign material or sticky media. Float travel remains uninhibited in viscous or corrosive liquids. SPDT switch.



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

Dimensions



†L,=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^rL., Lead Wires (Jacket material is indicated on dimensional drawings, above).

Approvals: LS-30 Series switches are U.L. Recognized - File No. E45168.

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

Series Number	Materials		Min. Liquid Sp. Gr.	Operating Temperature	Pressure, PSI,	Switch*	Part Number Mounting Size	
	Stem, Mounting Float							
	and Other Wetted	Tivat	ор. ат.		Max.		1/4" NPT	1/8" NPT
LS-30	Polysulfone with 316 S.S. Retaining Clip		.55	-40°F to +225°F (-40°C to +107.2°C)	50	SPST, 20 VA	46201**	
						SPST, 100 VA	46202** 🗲	_
						SPDT, 20 VA	46203	_
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
						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.