

Small Size – Engineered Plastics

LS-7 Series–Compact Side Mounts are the Solution to Many Small Tanks

These low-cost units are ideal for high volume use in small tanks and vessels. Engineered plastics construction offers broad compatibility in water, oils and chemicals.

NEW!

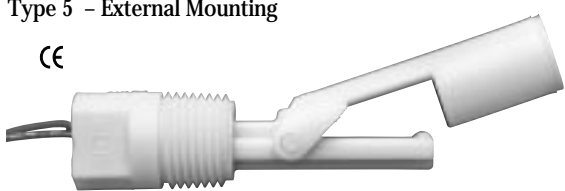
LS-7 switches now feature improved watertight electrical termination.

Type 3 – Internal Mounting



Polypropylene or Nylon

Type 5 – External Mounting



Polypropylene or Nylon

Type 7 – External Mounting



Polypropylene or Nylon; conduit connection

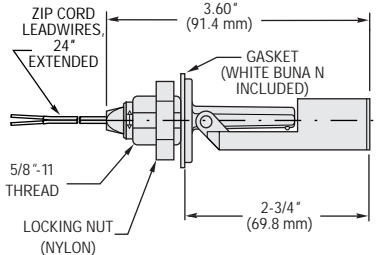
Type 10 – External Mounting



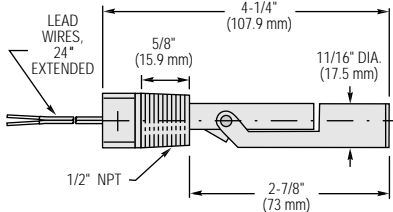
Mounts through and seals non-threaded holes using a buna-n compression gasket.

Dimensions

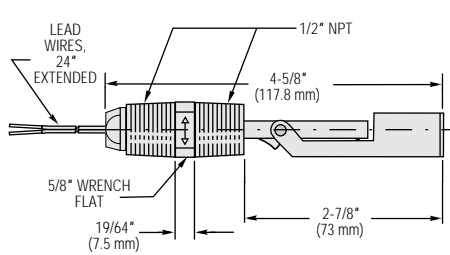
Type 3



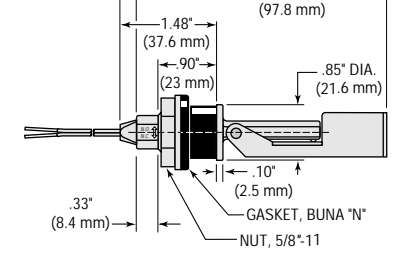
Type 5



Type 7



Type 10



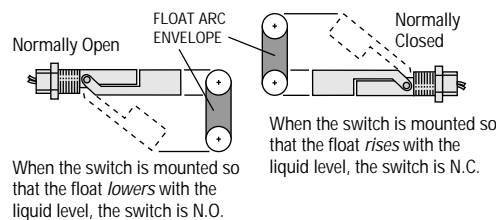
Common Specifications

Approvals: All LS-7 Series switches on this page are U.L. Recognized – File No. E45168, and are CSA Listed- File No. 30200. Polysulfone Material is FDA and NSF Compliant.

Mounting Attitude: Horizontal.

Switch Operation

Depending on the mounting position, the float on these switches can either rise or lower with the liquid level. By rotating the switch 180°, the switch operation can be Normally Open or Normally Closed. Arrows on exterior of mounting indicate N.O. when pointing up.



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

Mounting Type	Materials*			Min. Liquid Sp. Gr.	Operating Temperature	Operating Pressure, Max.	Switch** SPST	Lead Wire Gauge	Float Arc Envelope	Part Number
	Stem and Mounting	Float	Lead Wire Jacket							
3	Nylon (13% Glass)	PVC		.65	-40°F to +250°F (-40°C to +121.1°C)	100 PSI @ 70°F	20 VA	#22 AWG	2.20	165570
	Polypropylene (20% Glass)			.55	-40°F to +225°F (-40°C to +107.2°C)				2.20	164520
5	Polypropylene (20% Glass)	PVC		.55	-40°F to +225°F (-40°C to +107.2°C)	100 PSI @ 70°F	20 VA	#18 AWG	1.25	131100 ⚡
	Nylon (13% Glass)			.65	-40°F to +250°F (-40°C to +121.1°C)				1.25	140620 ⚡
7	Polypropylene	TPE†		.55	-40°F to +225°F (-40°C to +107.2°C)	100 PSI @ 70°F	20 VA	#22 AWG	1.50	160450
	Nylon			.65	-40°F to +250°F (-40°C to +121.1°C)				1.50	160460
10	Polypropylene (20% Glass)	TPE†		.55	-40°F to +225°F (-40°C to +107.2°C)	50 PSI @ 70°F	20 VA	#22 AWG	2.08	165800 ⚡
	Nylon (13% Glass)			.65	-40°F to +250°F (-40°C to +121.1°C)				2.08	165900

* Polysulfone and Ryton® R-4 are available upon request.

† Thermoplastic Elastomer Zip Cord.

⚡ – Stock Items.

See alloy versions on next page.