

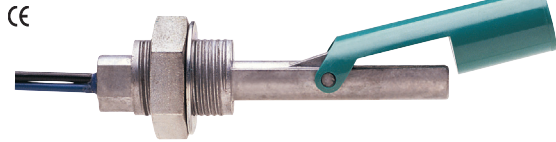
## Small Size - Alloys

### LS-7 Series - Compact Alloy and Alloy/Plastics Side Mounts

Built for durability, our LS-7 Series switches utilize stainless steel, or zinc bodies. Ideal for any small tank or vessel destined for a rugged environment. All-stainless steel material of construction of Types 9 and 11 is generally recognized as safe with FDA for food contact regulations.

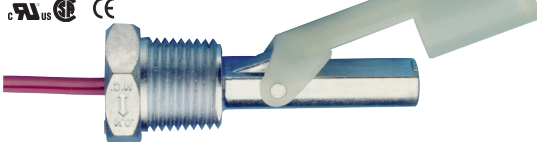
LEVEL SWITCHES - SINGLE POINT

Type 6 - External Mounting



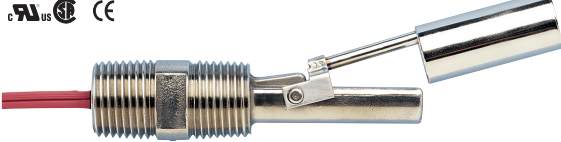
Polysulfone float. Zinc alloy body with polypropylene or nylon float. SAE Mounting.

Type 8 - External Mounting



Zinc alloy body with nylon or polypropylene float.

Type 9 - External Mounting



316 Stainless Steel body with 316 SS, nylon or polypropylene float.

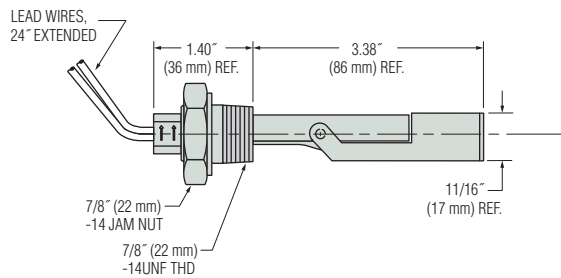
Type 11 - Internal Mounting



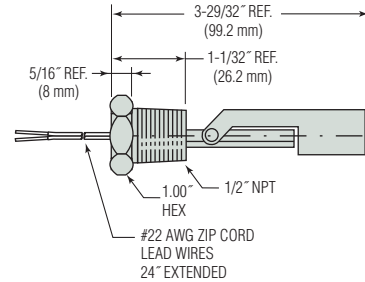
316 Stainless Steel body with 316 SS float.

### Dimensions

Type 6



Type 8



### Common Specifications

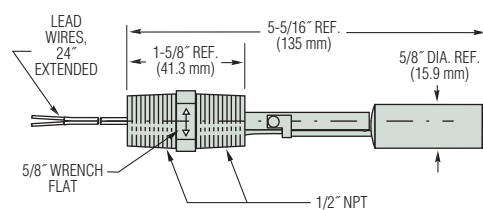
**Switch Rating\*:** SPST, 20VA

**Lead Wire Gauge:** No. 22 AWG

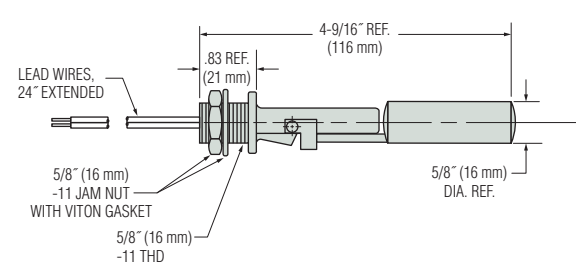
**Mounting Attitude:** Horizontal.

\*See "Electrical Data" on Page X-5 for more information.

Type 9

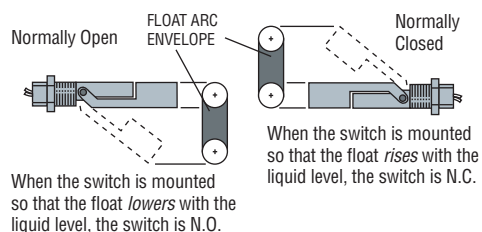


Type 11



**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.



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

Mounting Type	Materials			Min. Liquid Sp. Gr.	Operating Temperature	Operating Pressure, Max.	Float Arc Envelope	Part Number
	Stem and Mounting	Float	Lead Wire Jacket					
6	Zinc Alloy*	Nylon	TFE†	.65	-40°F to +250°F (-40°C to +121°C)	100 psi @ 70°F	1.36	<b>155660</b>
		Polypropylene		.75	-40°F to +225°F (-40°C to +107°C)	150 psi @ 70°F	1.36	<b>179870</b>
8	Zinc Alloy*	Nylon	TFE†	.65	-40°F to +250°F (-40°C to +121°C)	100 psi @ 70°F	1.40	<b>160950</b>
		Polypropylene		.55	-40°F to +225°F (-40°C to +107°C)	150 psi @ 70°F	1.40	<b>162795</b>
9	316 Stainless Steel	316 S.S.	TFE†	.80	-40°F to +300°F (-40°C to +149°C)	300 psi @ 70°F	1.43	<b>164870</b> ⚡
		Nylon		.65	-40°F to +250°F (-40°C to +121°C)	100 psi @ 70°F	1.40	<b>164850</b>
		Polypropylene		.55	-40°F to +225°F (-40°C to +107°C)	100 psi @ 70°F	1.40	<b>164860</b>
11	316 Stainless Steel		Teflon®	.80	-40°F to +300°F (-40°C to +149°C)	300 psi @ 70°F	1.65	<b>179445</b>

†Thermoplastic Elastomer Zip Cord.

⚡ – Stock Items.

**\*Zinc Alloy Material Note:**

When mounted in certain cathodic metals, including stainless steel, and used in water-based liquids, galvanic corrosion may occur. Consult factory for information.