

## 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.

#### Common Specifications


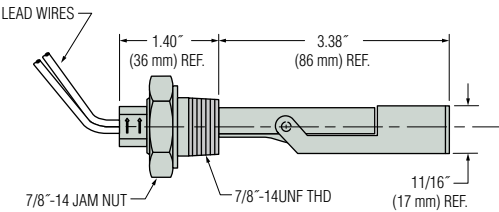
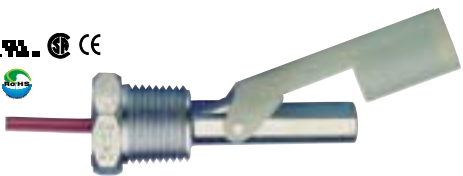
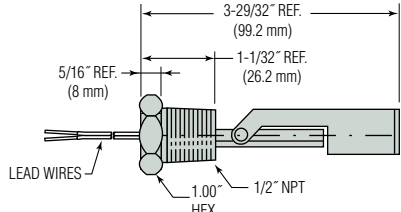

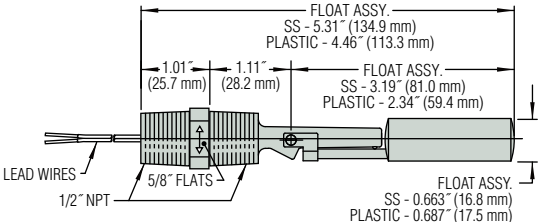

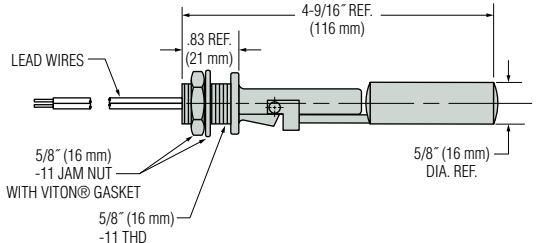
**Switch Rating\*:** SPST, 20VA

**Lead Wire:** 22 AWG, 24"-27" Extended

**Mounting Attitude:** Horizontal.

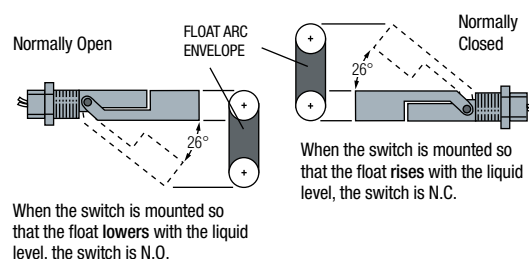
**RoHS:** In compliance with EU-directive 2011/65/EC requirements for chemicals and substances.

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

<p><b>Type 6</b> External Mounting</p>	 <p>CE RoHS</p> <p>Zinc alloy body with polypropylene or nylon float. SAE Mounting.</p>	
<p><b>Type 8</b> External Mounting</p>	 <p>CE RoHS</p> <p>Zinc alloy body with nylon or polypropylene float.</p>	
<p><b>Type 9</b> External Mounting</p>	 <p>CE RoHS</p> <p>316 Stainless Steel body with 316 SS, nylon or polypropylene float.</p>	
<p><b>Type 11</b> Internal Mounting</p>	 <p>CE RoHS</p> <p>316 Stainless Steel body with 316 S.S. float.</p>	

## 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	TPE†	.65	-40°F to +250°F (-40°C to +121°C)	100 psi @ 70°F	1.36	155660 ⚡
		Polypropylene		.75	-40°F to +225°F (-40°C to +107°C)	100 psi @ 70°F	1.36	179870
8	Zinc Alloy*	316 S.S.	TPE†	.80	-40°F to +250°F (-40°C to +121°C)	300 psi @ 70°F	1.43	249315
		Nylon		.65	-40°F to +250°F (-40°C to +121°C)	100 psi @ 70°F	1.40	160950 ⚡
		Polypropylene		.55	-40°F to +225°F (-40°C to +107°C)	100 psi @ 70°F	1.40	162795 ⚡
	316 Stainless Steel	316 S.S.	TPE†	.80	-40°F to +250°F (-40°C to +121°C)	300 psi @ 70°F	1.43	249315
		Nylon		.65	-40°F to +250°F (-40°C to +121°C)	100 psi @ 70°F	1.40	247390
		Polypropylene		.55	-40°F to +225°F (-40°C to +107°C)	100 psi @ 70°F	1.40	247380
9	316 Stainless Steel	316 S.S.	TPE†	.80	-40°F to +250°F (-40°C to +121°C)	300 psi @ 70°F	1.43	164870 ⚡
		Nylon		.65	-40°F to +250°F (-40°C to +121°C)	100 psi @ 70°F	1.40	164850 ⚡
		Polypropylene		.55	-40°F to +225°F (-40°C to +107°C)	100 psi @ 70°F	1.40	164860 ⚡
11	316 Stainless Steel		Teflon®	.80	-40°F to +250°F (-40°C to +121°C)	300 psi @ 70°F	1.65	179445

†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.