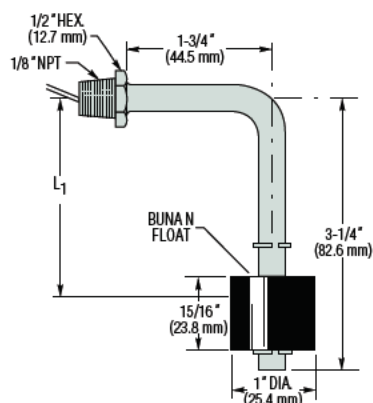


## LS-77700 Series – Bent Stem Switches Provide Greatest Buoyancy Of Any Side Mount Version

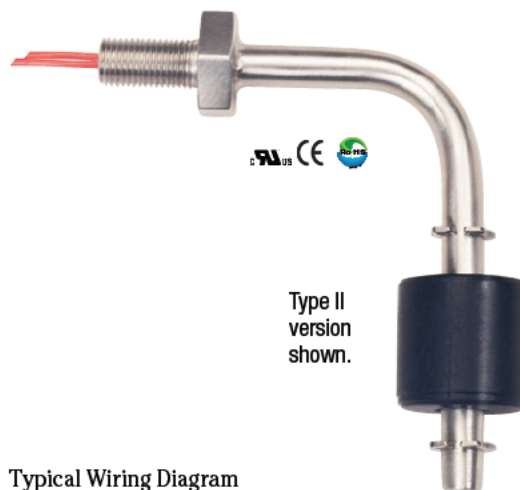
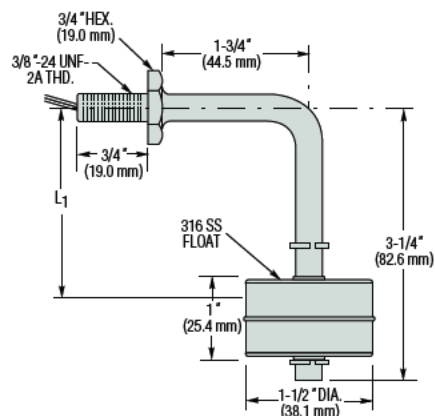
These units perform in liquids with specific gravities as low as .45; switches protrude into tank less than 3 inches.

### Dimensions

Type I – 1/8" NPT



Type II – 3/8-24" Thread



Type II version shown.

### Typical Wiring Diagram



When mounted "stem up," units are N.C. dry.

L<sub>1</sub> Dimension (based on liquid specific gravity of 1.0):

Buna N Float: 2-3/8" (60.3 mm) ± 3/16"

Stainless Steel Float: 2" (50.8 mm) ± 3/16"

### Common Specifications

**Electrical Termination:** No. 22 AWG, 24" L., Teflon® Lead Wires

**Approvals:** U.L. Recognized – File No. E45168

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

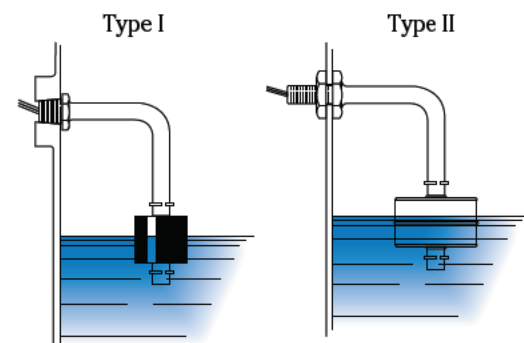
**Switch\* SPST:** 20 VA, 120-240 VAC. Switch is N.O. (Dry), but available N.C. (Dry).

**Mounting Attitude:** Vertical ± 30°.

**Other Wetted Materials:** Float Stop is Beryllium Copper or PH-15-7-MO Stainless Steel.

**Grooved Stem Option:** Stem may be grooved to prevent accidental or vibrational movement of float stops (grip rings).

### Typical Installation



Shown with Buna N float. Threads into NPT boss.

Shown with stainless steel float. Mounts directly through tank wall.

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

Type	Materials		Min. Liquid Sp. Gr.	Operating Temperature	Pressure, PSI, Max.	Part Number
	Stem and Mounting	Float				
I	Brass	316 Stainless Steel	.70	-40°F to +300°F (-40°C to +149°C)	100	117711
	316 Stainless Steel					117712 ⚡
	Brass	Buna N	.45	Water: to 180°F (82°C) Oil: -40°F to +300°F (-40°C to +149°C)	300	118125 ⚡
	Stainless Steel					118126
II	Brass	316 Stainless Steel	.70	-40°F to +300°F (-40°C to +149°C)	100	117715
	316 Stainless Steel					117716 ⚡
	Brass	Buna N	.45	Water: to 180°F (82.2°C) Oil: -40°F to +300°F (-40°C to +149°C)	300	118127 ⚡
	Stainless Steel					118128

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

⚡ – Stock Items.