

# Pressure & Vacuum Flow Level & Temperature Tube & Fittings

### Small Size - Alloys

## Rugged Durability, With Broad Heat and Pressure Capabilities, are Hallmarks of These Compact Switches

Ideal for shallow tanks or restricted spaces, or for low-cost, high volume use.



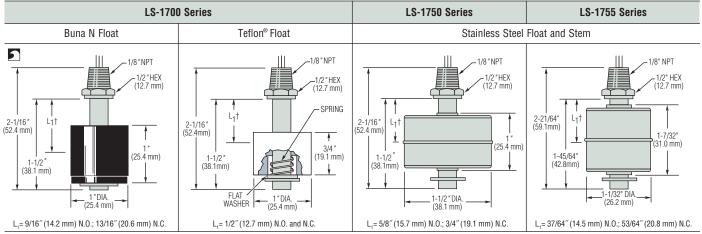
LS-1750 Series –
All Stainless Steel

LS-1755 Series –
All Stainless Steel

Offer broad chemical compatibility for general purpose use. Also ideal for oils and water.

Rugged construction suitable for most corrosive liquids, and for high temperatures and pressures. Stainless steel is generally recognized as safe (GRAS) with FDA for food contact regulations.

#### Dimensions



†L,= Switch actuation level, nominal (based on a liquid specific gravity of 1.0).

#### **Common Specifications**

Electrical Termination: No. 22 AWG, 24"L., Polymeric Lead Wires,

(except Part No. 79990 which has Teflon® Lead Wires).

Approvals: Series Nos. LS-1700, LS-1750 and LS-1755 are U.L. Recognized -

File No. E45168 and CSA Listed – File No. 30200.

**Switch Operation:** Units are shipped N.O. unless otherwise specified. Selectable, N.O. or N.C., by inverting float on unit stem (except for LS-1700 Series switches with

Teflon® Floats; see selection in "How to Order" table).

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

|                  |                      | Material            |                    |                        |  |                          |                 |                |
|------------------|----------------------|---------------------|--------------------|------------------------|--|--------------------------|-----------------|----------------|
| Series<br>Number | Stem and<br>Mounting | Float               | Other<br>Wetted    | Min. Liquid<br>Sp. Gr. | Operating Temperature  | Pressure,<br>PSI, Max.** | Switch*<br>SPST | Part<br>Number |
| LS-1700          | Brass                | Buna N              | 316 S.S.,<br>Epoxy | .45                    | Water: to 180°F (82.2°C)<br>Oil: -40°F to +300°F (-40°C to +149°C) | 300                      | 20 VA           | 01701 🗲        |
|                  | 316 S.S.             |                     |                    |                        |  |                          | 20 VA           | 01702 🗲        |
|                  | 316 S.S.             | Teflon <sup>®</sup> |                    | .85                    | -40°F to +250°F (-40°C to +121.1°C)                                | 1000                     | 20 VA, N.O.     | 26791 🗲        |
|                  |                      |                     |                    |                        |  |                          | 20 VA, N.C.     | 27980 🗲        |
| LS-1750          | 316 S.S.             | 316 S.S.            | 316 S.S.           | .70                    | -40°F to +300°F (-40°C to +148.9°C)                                | 100                      | 20 VA           | 01750 🗲        |
|                  |                      |                     |                    |                        | -40°F to +480°F (-40°C to +204.4°C)                                |                          | 20 VA           | 79990 🗲        |
| LS-1755          | 316 S.S.             | 316 S.S.            | 316 S.S.           | .90                    | -40°F to +300°F (-40°C to +148.9°C)                                | 275                      | 20 VA           | 01755 🗲        |

<sup>\*</sup> See "Electrical Data" on Page X-5 for more information.

<sup>\*\*</sup> Higher pressures are temperature dependent.