

## Large Size – Alloys

### LS-1800 and LS-1900 Series are a Step Above Our Plastic Units for Pressure Capabilities

Excellent stability for general use in oils and water.

LS-1800 Series –  
Buna N Float



LS-1800 Series –  
Teflon® Float



LS-1900 Series –  
Buna N Float



Intermediate in size, LS-1800 switches provide long life and dependability to meet a broad range of requirements.

With large float displacement, switch withstands rough service; is suitable for high viscosity liquids.

### Dimensions

| LS-1800 Series |               | LS-1900 Series |
|----------------|---------------|----------------|
| Buna N Float   | Teflon® Float | Buna N Float   |
|                |               |                |

†L<sub>1</sub> = Switch actuation level, nominal (based on a liquid specific gravity of 1.0).

### Common Specifications

**Electrical Termination:** No.18 AWG, 24~ L., Polymeric Lead Wires.

**Approvals:** All Switches on this page are U.L. Recognized – File No. E45168, and are CSA Listed – File No. 30200.

**Switch Operation:** Selectable, N.O. or N.C., by inverting float on unit stem (except for LS-1800 Series switch with Teflon® float). Units are shipped N.O. unless otherwise specified.

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

| Material         |                        |         |                               | Min. Liquid<br>Sp. Gr. | Operating Temperature                                            | Pressure,<br>PSI, Max. | Switch*<br>SPST | Part<br>Number |
|------------------|------------------------|---------|-------------------------------|------------------------|------------------------------------------------------------------|------------------------|-----------------|----------------|
| Series<br>Number | Stem and<br>Mounting   | Float   | Other<br>Wetted               |                        |                                                                  |                        |                 |                |
| LS-1800          | Brass                  | Buna N  | 316 Stainless<br>Steel, Hysol | .75                    | Water: to 180°F (82°C)<br>Oil: -40°F to +230°F (-40°C to +110°C) | 150                    | 20 VA           | 01801 ⚡        |
|                  |                        | Buna N  |                               | .75                    |                                                                  |                        | 100 VA**        | 35651 ⚡        |
|                  | 316 Stainless<br>Steel | Buna N  |                               | .65                    |                                                                  |                        | 20 VA           | 01807 ⚡        |
|                  |                        | Teflon® |                               | .65                    |                                                                  |                        | 100 VA**        | 35657 ⚡        |
| LS-1900          | Brass                  | Buna N  | 316 Stainless<br>Steel, Hysol | .55                    | Water: to 180°F (82°C)<br>Oil: -40°F to +230°F (-40°C to +110°C) | 150                    | 20 VA, N.O.     | 01811 ⚡        |
|                  |                        | Buna N  |                               | .55                    |                                                                  |                        | 20 VA           | 01901 ⚡        |
|                  | 316 Stainless<br>Steel | Buna N  |                               | .55                    |                                                                  |                        | 100 VA***       | 35676 ⚡        |
|                  |                        | Buna N  |                               | .55                    |                                                                  |                        | 20 VA           | 01907 ⚡        |
|                  |                        |         |                               |                        |                                                                  |                        | 100 VA          | 35682 ⚡        |

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

\*\*\* LS-1900 100VA unit is UL Resistive Rated.

\*\*LS-1800 100 VA switches are not U.L. Recognized.