



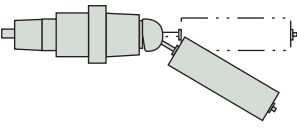
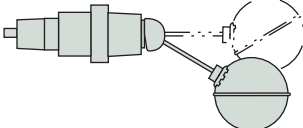
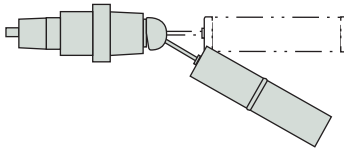
## Common Specifications

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



Approvals LS-2050 Series Switches are U.L. Recognized – File No. E45168 and are CSA Listed. Explosion-proof units are approved for Class I, Division 1, Group D hazardous areas.

Mounting Attitude Horizontal,  $\pm 15^\circ$ .

## Performance

|                               | LS-2050 Series                                                                    |                                                                                    | LS-52100 Series                                                                     |
|-------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                               | Brass Mounting/Buna-N Float                                                       | All-Stainless Steel                                                                |                                                                                     |
|                               |  |  |  |
| Operating Temperature         | Water: to +180 °F (82.2 °C)<br>Oil: -40 °F to +250 °F (-40 °C to +121 °C)         |                                                                                    | -40 °F to +300 °F (-40 °C to +148.9 °C)                                             |
| Pressure, PSIG Max. @ 70 °F   | 150                                                                               |                                                                                    | 900                                                                                 |
| Min. Liquid Sp. Gr.           | .8                                                                                |                                                                                    | .85                                                                                 |
| Switch Differential in Liquid | 1/2" Minimum                                                                      |                                                                                    | Approximately 3/4"                                                                  |

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

| Series Number | Materials           |                     |                                                                    | Switch <sup>1</sup> | Part Numbers      |                              |                                                                                                                                                                                                |
|---------------|---------------------|---------------------|--------------------------------------------------------------------|---------------------|-------------------|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|               | Stem and Mounting   | Float               | Other Wetted                                                       |                     | Standard Versions | With Bellows (Details Below) | Explosion-Proof<br>  |
| LS-2050       | Brass               | Buna N              | 316 Stainless Steel, Beryllium Copper, Teon <sup>®</sup> , Ceramic | SPDT, 20 VA         | 30288 ⚡           | —                            | —                                                                                                                                                                                              |
|               | 316 Stainless Steel | 316 Stainless Steel | Stainless Steel, Teon <sup>®</sup> , Ceramic                       | SPDT, 20 VA         | 30290 ⚡           | 175650                       | 55690                                                                                                                                                                                          |
|               |                     |                     |                                                                    | SPST, 100 VA, N.O.  | 48068             | —                            | —                                                                                                                                                                                              |
|               |                     |                     |                                                                    | SPST, 100 VA, N.C.  | 48069             | —                            | —                                                                                                                                                                                              |
| LS-52100      | 316 Stainless Steel | 304 Stainless Steel | 430 Stainless Steel, Teon <sup>®</sup> , Ceramic                   | SPDT, 20 VA         | 52100 ⚡           | —                            | 121753                                                                                                                                                                                         |
|               |                     |                     |                                                                    | SPST, 100 VA, N.O.  | 116971 ⚡          | —                            | —                                                                                                                                                                                              |
|               |                     |                     |                                                                    | SPST, 100 VA, N.C.  | 116972            | —                            | —                                                                                                                                                                                              |

### Notes

- See "Electrical Data" on Page X-5 for more information.
- Not CSA Approved.
- Not U.L. Recognized or CSA Approved.
- UL Resistive Rated

⚡ – Stock Items.