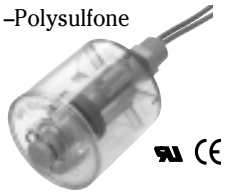
# Large Size – Engineered Plastics

## Select from these Engineered Plastics for Aggressive or Ultra-Pure Liquids

Each of these series offers unique features. Choose from this selection when all-plastic material is desirable and tank space is not restricted.

LS-30 Series –Polysulfone



For water-based liquids, with limited use in oils and chemicals. Cost is suited for high volume OEM use. Polysulfone material of construction complies with FDA food contact regulations.

LS-74780 – All CPVC

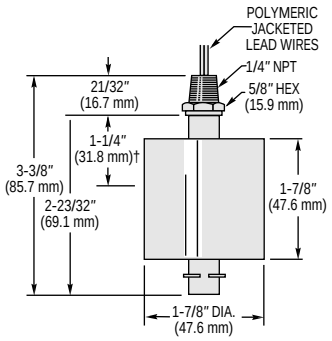
Particularly well suited for rough service. Ideal for use in chemical and plating applications.

LS-1900TFE

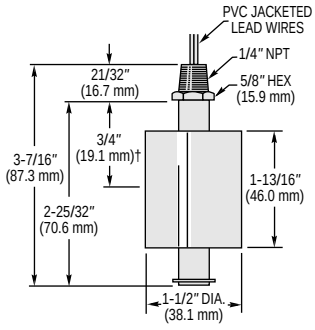
Resists build-up of foreign material or sticky media. Float travel remains uninhibited in viscous or corrosive liquids. SPDT switch.

## Dimensions

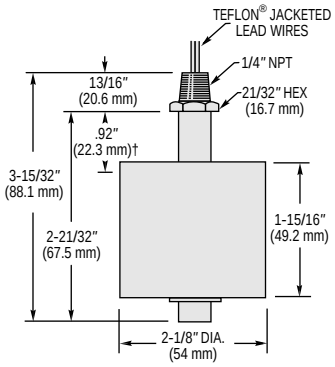
**LS-30 Series**




**LS-74780**




**LS-1900TFE**




†$L_1$=Switch actuation level, nominal (based on a liquid specific gravity of 1.0 and N.O. dry circuit–dimension will vary for N.C. circuit).

## Common Specifications

**Electrical Termination:** No. 18 AWG, 24˝ L., Lead Wires (Jacket material is indicated on dimensional drawings, above).

**Approvals:** LS-30 Series switches are U.L. Recognized – File No. E45168.

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

| Series Number | Materials: Stem, Mounting and Other Wetted | Materials: Float | Min. Liquid Sp. Gr. | Operating Temperature | Pressure, PSI, Max. | Switch* | Part Number: Mounting Size 1/4" NPT |
|---|---|---|---|---|---|---|---|
| LS-30 | Polysulfone with 316 S.S. Retaining Clip | | .55 | -40° F to +225° F (-40° C to 107.2° C) | 50 | SPST, 20 VA | 46201** |
| | | | | | | SPST, 100 VA | 46202** ⚡ |
| | | | | | | SPDT, 20 VA | 46203 ⚡ |
| LS-74780 | CPVC | | .85 | 40° F to +180° F (-40° C to 82.2° C | 1. | SPST, 20 VA | 74780** |
| LS-1900 TFE | Teflon® | | .80 | -40° F to +300° F (-40° C to 148.9° C) | 30 | SPDT, 20 VA | 133299 |

* See "Electrical Data" on Page D-4 for more information.
** Switch operation is selectable, N.O. or N.C., by inverting the float on the unit stem. Units are shipped N.O. unless otherwise specified.
†† 100 VA switches are not U.L. Recognized.

⚡ – Stock Items.