Low-Cost, Large-Volume OEM Models
Easy to Install, Vertical Mounting
Reliable SPST Reed Switch Design
Models Available for Contaminated and Turbulent Tank Conditions
Shock and Vibration Resistant
Direct Actuation of Float at Liquid Level

Offering high reliability at a low cost, the LV-60 Series level switch is recommended for many OEM applications. The all-polysulfone construction provides excellent chemical resistance and is rated to a maximum temperature of 107°C (225°F). Extremely compact, the switch is ideal for applications involving restricted or limited space. The reed switch design allows the user to select either normally open or normally closed by simply removing the retaining clip and inverting the position of the float.

When turbulent tank conditions prevail, the LV-70 Series level switch will provide highly stable and accurate level detection. A protective slosh shield allows contact with non-static, highly contaminated liquids and minimizes the effects of turbulence and motion. Mounting brackets attach to a wall, bracing, sounding tube, or any similar surface.

The LV80’s all-CPVC construction is resistant to many acids, bases, and aqueous solutions, making these switches well suited for chemical and plating applications. The sensor mounts vertically at either the top or bottom of the tank and is easy to install. Visit us online for maximum voltage/current ratings.

SINGLE-STATION LIQUID-LEVEL SWITCHES
Broad Chemical Compatibility

LV-60/70/80

LV-60
LV-61
LV-70
LV-71
LV-80

LV-60 (retaining clip); copper-nickel, beryllium-copper Lucite® shield, neoprene cable for LV-70
Switch: SPST
Switch Actuation: Approx. ½ the distance from end of stem to mounting, or at halfway point of float travel

SPECIFICATIONS
Other Wetted Material: PVDF
Lead Wires: 22 AWG 24” PVC for LV-60; 18/2 cable 6’ Neoprene L® with waterproof connector for LV-70;
18 AWG 24” PVC for LV-80

To Order

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<tbody>
<tr>
<td>LV-60</td>
<td>10 VA</td>
<td>Polysulfone</td>
<td>225°F</td>
<td>50 psi</td>
<td>0.64</td>
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<tr>
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<td>50 VA</td>
<td>Polysulfone</td>
<td>225°F</td>
<td>50 psi</td>
<td>0.5</td>
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<td>50 VA-(NO)</td>
<td>316SS/BUNA</td>
<td>140°F</td>
<td>150 psi</td>
<td>0.43</td>
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<tr>
<td>LV-71</td>
<td>50 VA-(NC)</td>
<td>316SS/BUNA</td>
<td>140°F</td>
<td>150 psi</td>
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<tr>
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<td>CPVC</td>
<td>185°F</td>
<td>15 psi</td>
<td>0.68</td>
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Comes complete with operator’s manual.

All switch activation points have a tolerance of ± ¼”

Note: To determine fluid specific gravity, add 0.1 to float specific gravity in clean liquids and 0.3 to float specific gravity in dirty or viscous liquids.

Ordering Examples: LV-80, all-CPVC, corrosion-resistant, liquid-level switch rated to 85°C (185°F) and 15 psi.
LV-70, 316 SS stem Buna float liquid level switch rated to 60°C (140°F) and 150 psi.