

SINGLE-STATION LIQUID-LEVEL SWITCHES

Broad Chemical Compatibility

LV-60/70/80
Starts at
\$27

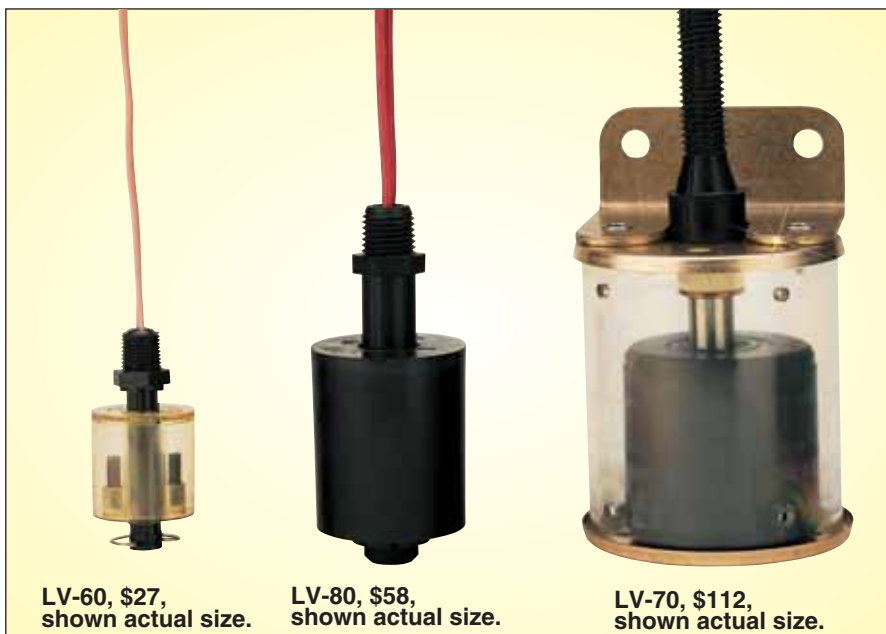


- ✓ Low-Cost, Large-Volume OEM Models
- ✓ Easy to Install, Vertical Mounting
- ✓ Reliable SPST Reed Switch Design
- ✓ Models Available for Contaminated and Turbulent Tank Conditions
- ✓ Shock and Vibration Resistant
- ✓ Direct Actuation of Float at Liquid Level

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.

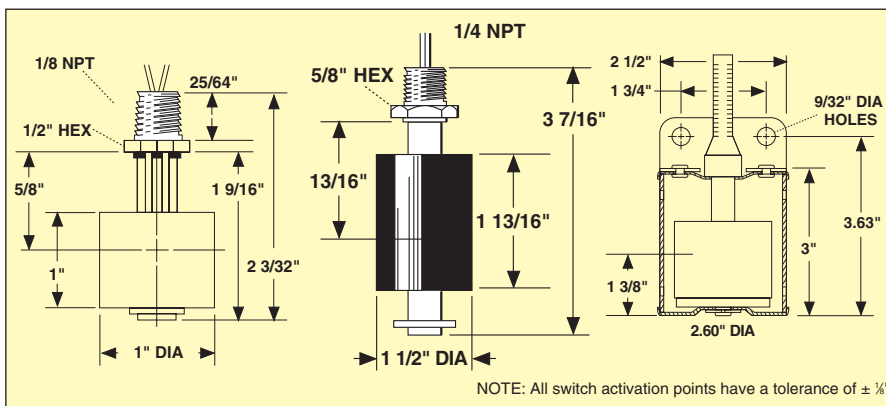
The LV80's all-CPVC construction is resistant to many acids, bases, and aqueous solutions, making these switches well suited for chemical and plating applications. The sensor mounts vertically at either the top or bottom of the tank and is easy to install. See chart on page K-4 for maximum voltage/current ratings.



LV-60, \$27, shown actual size.

LV-80, \$58, shown actual size.

LV-70, \$112, shown actual size.



NOTE: All switch activation points have a tolerance of $\pm \frac{1}{64}$ "

SPECIFICATIONS

Other Wetted Material: 316 SS for LV-60 (retaining clip); copper-nickel, beryllium-copper Lucite® shield, neoprene cable for LV-70

Switch: SPST

Switch Actuation: Approx. 1/2 the distance from end of stem to mounting, or at halfway point of float travel

Lead Wires: 22 AWG 24" PVC for LV-60; 18/2 cable 6' Neoprene® with waterproof connector for LV-70; 18 AWG 24" PVC for LV-80

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.

MOST POPULAR MODELS HIGHLIGHTED!

To Order (Specify Model Number)						
Model No.	Price	Switch Rating*	Stem/Float	Maximum		Float Spec. Gravity
				Temp.	Pres.	
LV-60	\$27	10 VA	Polysulfone	225°F	50 psi	0.64
LV-61	28	50 VA	Polysulfone	225°F	50 psi	0.5
LV-70	112	50 VA-(NO)	304SS/BUNA-N	140°F	150 psi	0.43
LV-71	112	50 VA-(NC)	304SS/BUNA-N	140°F	150 psi	0.43
LV-80	58	20 VA	CPVC	185°F	15 psi	0.68

NO = normally open; NC = normally closed.

*All units field switchable for normally open, normally closed.

Ordering Example: LV-80, all-CPVC, corrosion-resistant, liquid-level switch rated to 85°C (185°F) and 15 psi, \$58.

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