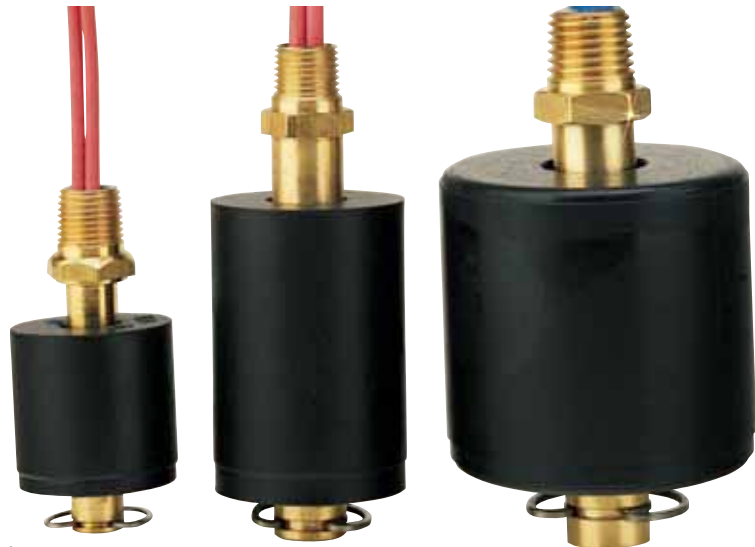


LOW-COST LIQUID-LEVEL SWITCHES

Single Station, Vertical Mounting

LV Series Starts at
\$33

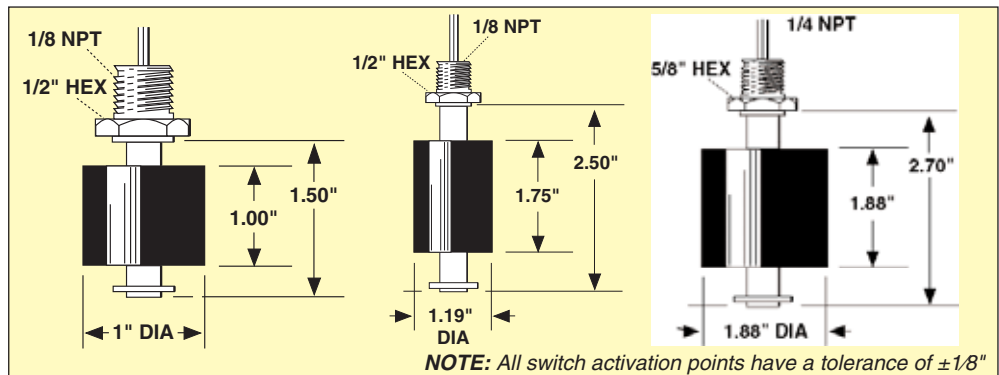


LV-10, \$33, shown larger than actual size.

LV-20, \$38, shown larger than actual size.

LV-30, \$46, shown larger than actual size.

- ✓ Low Cost and Compact for General Purpose Level Monitoring
- ✓ Shock and Vibration Resistant
- ✓ Mounts Vertically at Top or Bottom of Tank
- ✓ Reed Switch Design for High Repeatability
- ✓ User Selectable, Normally Open or Normally Closed SPST Switch



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.

The LV-10 Series level switches feature a small float displacement, especially suited for narrow or restricted areas. A standard 1/8 MNPT fitting allows for quick installation in either the top or bottom of the tank or vessel. A sealed SPST switch provides consistently high accuracy and repeatability while minimizing the effects of shock, vacuum, or vibration. Extremely versatile, the switch is user selectable as normally open or normally closed by simply removing the retaining clip and inverting the position of the float. For intermediate float displacement, the LV-20 Series will yield long life and greater stability for a broad range of level monitoring requirements. The LV-30 Series larger float displacement is intended for use with liquids of high viscosity, and is well suited for harsh environments. Both models share the standard features of the LV-10. See chart on page K-4 for maximum voltage/current ratings.

SPECIFICATIONS

Stem Material: Brass or 316 SS

Float Material: Buna-N

Other Wetted Materials: 316 SS and hysol

Operating Temperature:

Water: -40 to 82°C (-40 to 180°F)

Oil: -40 to 110°C (-40 to 230°F)

Pressure Rating: 150 psi

Mounting: 1/8 NPT for LV-10 and LV-20,

1/4 NPT for LV-30

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" polymeric for LV-10; 18 AWG 24" polymeric for LV-30 and LV-20

Specific Gravity of Float: LV-10: 0.50; LV-20: 0.58; LV-30: 0.43

MOST POPULAR MODELS HIGHLIGHTED!

To Order (Specify Model Number)

Model No.	Price	Stem Material	Switch Rating
LV-10	\$33	Brass	10 VA
LV-11	56	316 SS	10 VA
LV-20	38	Brass	20 VA
LV-21	47	Brass	100 VA
LV-22	61	316 SS	20 VA
LV-23	70	316 SS	100 VA
LV-30	46	Brass	20 VA
LV-31	54	Brass	100 VA
LV-32	68	316 SS	20 VA
LV-33	75	316 SS	100 VA

Ordering Examples: LV-22, vertical-mounted liquid-level switch with a 316 SS stem and switch rated to 20 VA, \$61. LV-33, 100 VA rated switch with a 316 SS stem, \$75.

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• Flow and Level

Air Velocity Indicators, Doppler Flowmeters, Level Measurement, Magnetic Flowmeters, Mass Flowmeters, Pitot Tubes, Pumps, Rotameters, Turbine and Paddle Wheel Flowmeters, Ultrasonic Flowmeters, Valves, Variable Area Flowmeters, Vortex Shedding Flowmeters

• pH and Conductivity

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• Pressure, Strain and Force

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• Heaters

Band Heaters, Cartridge Heaters, Circulation Heaters, Comfort Heaters, Controllers, Meters and Switching Devices, Flexible Heaters, General Test and Measurement Instruments, Heater Hook-up Wire, Heating Cable Systems, Immersion Heaters, Process Air and Duct, Heaters, Radiant Heaters, Strip Heaters, Tubular Heaters