

HIGH-TEMPERATURE NEMA 6 LIQUID LEVEL SWITCHES

All Stainless Steel Construction

LVN-40 Series



- ✓ NEMA 6 Rated
- ✓ High-Pressure Models Up to 1000 psi
- ✓ User Selectable, Normally Open, or Normally Closed
- ✓ Mounts Vertically at Top or Bottom of Tank
- ✓ Well Suited for Rough or Corrosive Applications

These liquid-level switches are sealed with potting compound. The only path for liquid to the electrical switch would be through the wires. If the wires are terminated in an appropriate manner (e.g., NEMA 6 connectors), the level switch will meet or exceed a NEMA 6 rating, making it suitable for years of worry-free operation in moisture-laden environments. A sealed SPST switch provides consistent accuracy and high repeatability while minimizing the effects of shock, vacuum, or vibration. The switch is extremely versatile since it is user selectable as normally open or normally closed by simply reversing the float or the mounting of the switch. The standard NPT male fittings allow for quick installation in either the top or bottom of the tank or vessel.

SPECIFICATIONS

Stem Material: 316 SS

Float Material: 316 SS

Operating Temperature:

-40 to 149°C (-40 to 300°F)

Maximum Pressure Rating:

From 225 to 1000 psi

Mounting:

LVN-40 and LVN-50: 1/8" NPT

LVN-52: 1/4" NPT

Switch: SPST

Switch Actuation: Approx. half the

distance from the end of stem to

mounting or halfway point of float

travel in liquid of 1.0 specific gravity.

Lead Wires: 20 AWG, 24" PVC

Specific Gravity of Float:

LVN-40: 0.72

LVN-50: 0.70

LVN-52: 0.64

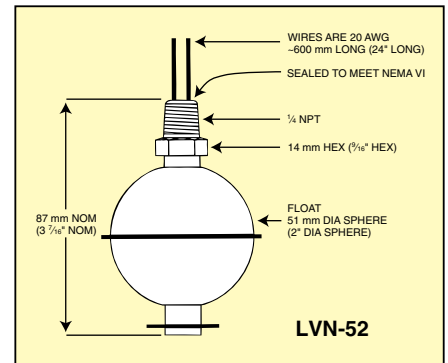
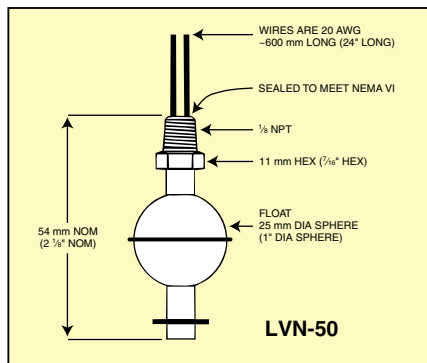
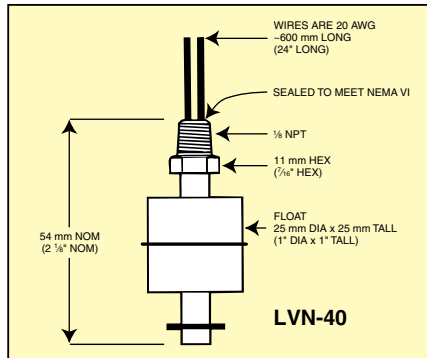


LVN-50, shown actual size.



LVN-52, shown actual size.

Dimensions: mm (inch)



To Order				
Model No.	Temperature Rating °C (°F)	Pressure Rating	NPT Size	Switch Rating
LVN-40	-40 to 149 (-40 to 300)	900 psi	1/8"	50 VA
LVN-50	-40 to 149 (-40 to 300)	1000 psi	1/8"	50 VA
LVN-52	-40 to 149 (-40 to 300)	975 psi	1/4"	50 VA

Comes complete with operator's manual.

Ordering Examples: LVN-52, high-temperature liquid-level switch.

LVN-40, high-temperature liquid-level switch.