

LOW COST NEMA 6 (IP68) LIQUID LEVEL SWITCHES

LVN-10



- ✓ Low Cost Compact Design
- ✓ NEMA 6 (IP68) Rated
- ✓ User Selectable, Normally Open or Normally Closed
- ✓ Mounts Vertically at Top or Bottom of Tank
- ✓ Reed Switch Design for High Repeatability

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 (IP68) connectors], the level switch will meet or exceed a NEMA 6 (IP68) rating, making them suitable for submersion with years of worry free operation in moisture-laden environments. A sealed SPST switch provides consistent accuracy and high repeatability with the effects of shock, vacuum or vibration minimized. The switch is extremely versatile since it is user selectable as a 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: Brass

Float Material: Buna-N

Wetted Material: Brass, Buna-N, 316SS

Operating Temperature:

-40 to 82°C (-40 to 180°F)

110°C (230°F) in Oil

Maximum Pressure Rating:

LVN-10: 160 psi

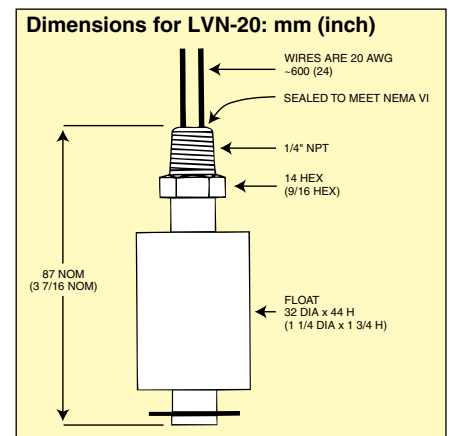
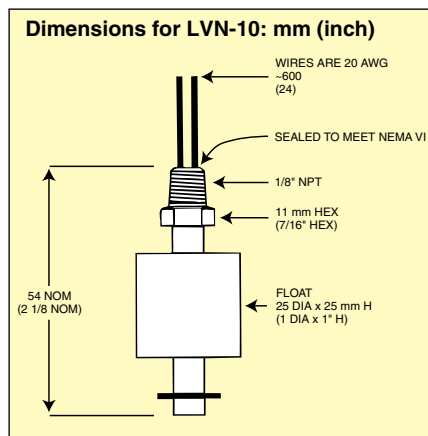
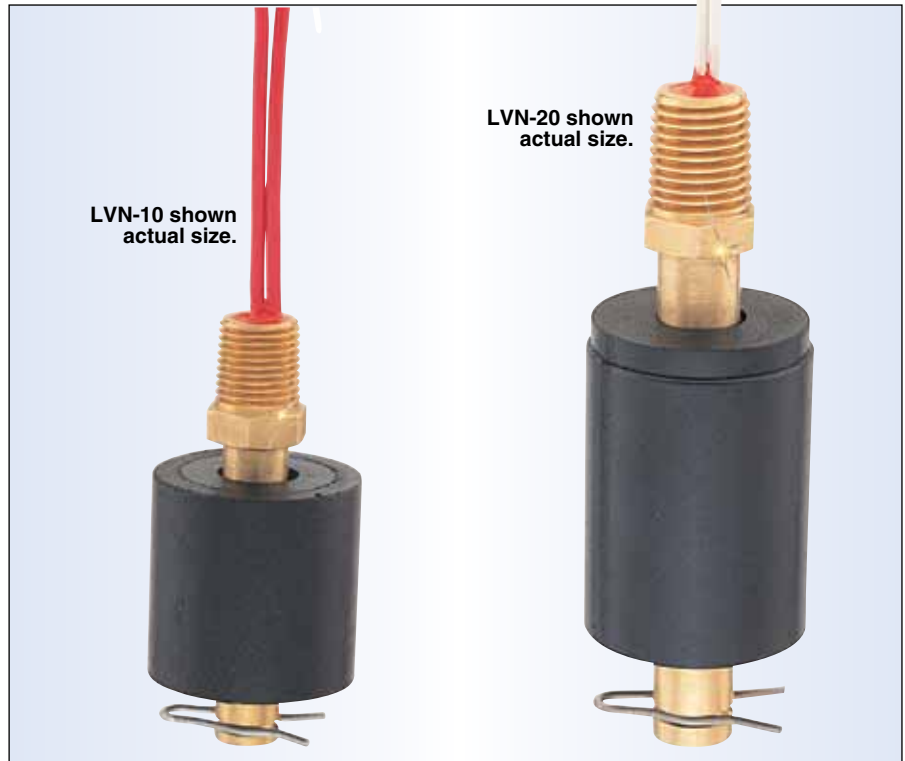
LVN-20: 225 psi

Mounting:

LVN-10: 1/8" NPT

LVN-20: 1/4" NPT

Switch: SPST



Switch Actuation: Approximately 1/2 the distance from the end of stem to mounting or halfway point of float travel

Lead Wires: 20 AWG, 24" PVC

Specific Gravity of Float:
 LVN-10: 0.56
 LVN-20: 0.70

To Order			
Model No.	Stem Material	NPT Size	Switch Rating
LVN-10	Brass	1/8"	50 VA
LVN-20	Brass	1/4"	50 VA

Comes complete with operator's manual.

Ordering Examples: LVN-20, low cost liquid level switch. LVN-10, low cost liquid level switch.