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

To Order

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Temperature Rating °C (°F)</th>
<th>Pressure Rating</th>
<th>NPT Size</th>
<th>Switch Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>LVN-40</td>
<td>-40 to 149 (-40 to 300)</td>
<td>900 psi</td>
<td>1/8</td>
<td>50 VA</td>
</tr>
<tr>
<td>LVN-50</td>
<td>-40 to 149 (-40 to 300)</td>
<td>1000 psi</td>
<td>1/8</td>
<td>50 VA</td>
</tr>
<tr>
<td>LVN-52</td>
<td>-40 to 149 (-40 to 300)</td>
<td>975 psi</td>
<td>1/4</td>
<td>50 VA</td>
</tr>
</tbody>
</table>

Comes complete with operator’s manual.

Ordering Examples: LVN-52, high-temperature liquid-level switch.
LVN-40, high-temperature liquid-level switch.