UNIVERSAL LIQUID-LEVEL SENSOR

LV140 Series Starts at

\$90



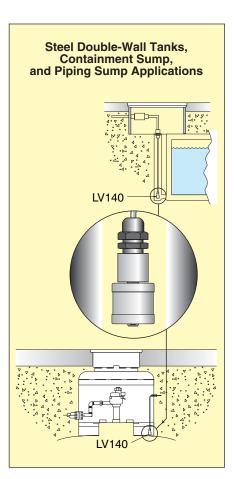
- Compact—Fits Interstitial Spaces
- Suitable for Hydrocarbons or Water
- No Calibration Necessary
- Long Service Life

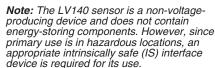
The compact LV140 single-float, liquid-level sensor is ideal for use in steel double-wall tanks or containment sump areas. It requires no calibration, and is easy to install and maintain. When positioned vertically at the bottom of a steel tank's stand pipe or in a sump, it detects liquids such as hydrocarbons and water, as low as ¾" from the bottom of a tank or sump. The epoxy-encapsulated design is ideal for harsh environments. An integral slosh shield guards the float from debris.

The principle behind the LV140 is straightforward. The float is equipped with powerful, permanent magnets. As the float rises or lowers with liquid level, it actuates a magnetic reed switch mounted within the stem. In response, the electrical circuit opens or closes, activating an external alarm or control circuit. When mounted vertically, the LV140 provides a consistent accuracy of $\pm \frac{1}{16}$ ".

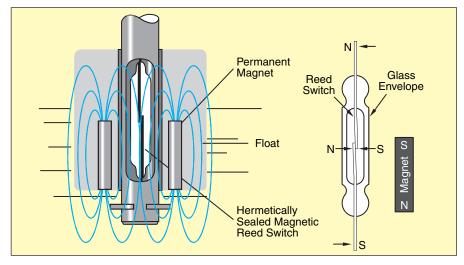
The reed switch ensures long, trouble-free service. Hermetically sealed, these switches allow for repeatability, with actuation points that remain constant over the life of the unit.

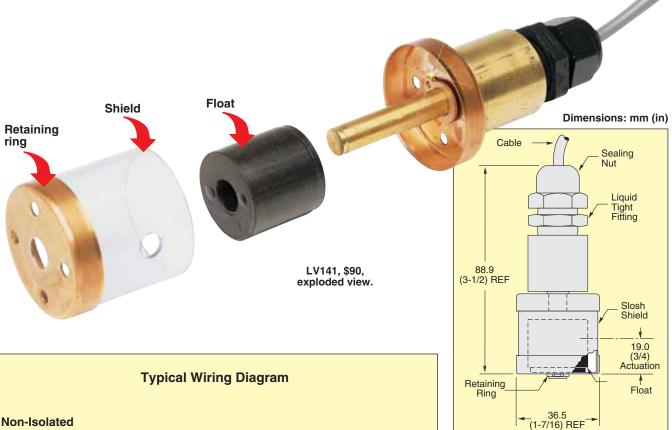














SPECIFICATIONS Wetted Materials: Brass, nitrile, nylon,

PVC, beryllium, copper

Operating Temperature: -40 to 82°C (-40 to 180°F) **Accuracy:** ±3.2 mm (1/8")

Switch Rating: 20 VA, 120 to 240 Vac pilot duty; 20 W, 50 to 240 Vdc resistive Cable: 2-conductor PVC or PFA coated

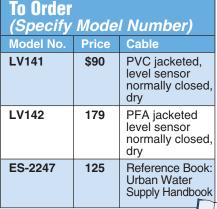
jackets [7.6 m (25') extended]

Approvals:

UL recognized; CSA certified

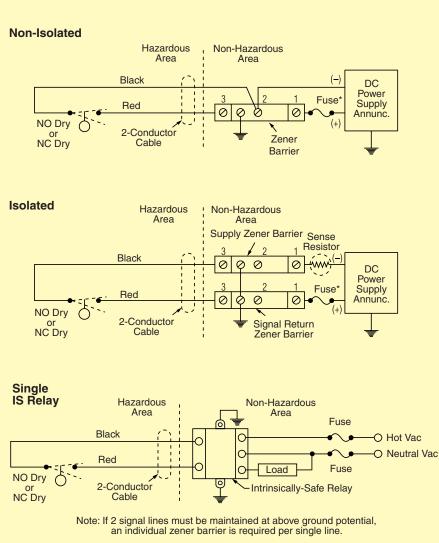
Weight: 453 g (1 lb)





Comes with 7.6 m (25'), 2-conductor PVC or PFA jacketed cables and complete operator's manual.

For normally open switch add suffix "-NO" at the end of the part number; no extra cost. Ordering Example: LV142, PFA jacketed sensor, \$179.



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