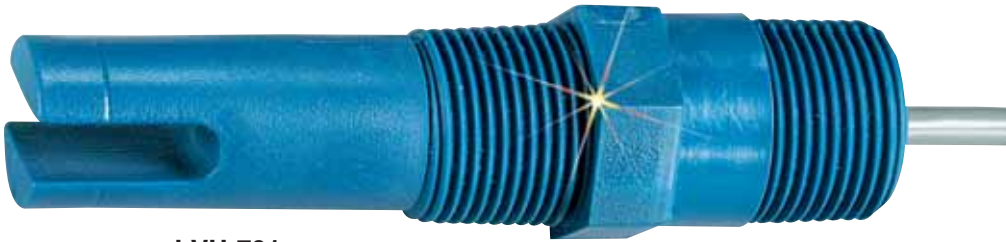


# ULTRASONIC, SOLID STATE LIQUID LEVEL SWITCH

Shown larger than actual size.



LVU-701, \$145



LVU-701  
**\$145**

LVU-703, \$165



- 300:1 Wet-to-Dry Ratio with 316 SS Sensor
- 500:1 Wet-to-Dry Ratio with Tefzel®
- Epoxy-Sealed Integral Electronics with Sensor
- Low-Cost Replacement to Mechanical Float

The LVU-700 Series solid state liquid level switch is a direct replacement for mechanical float-type liquid level devices. The switch employs proven ultrasonic technology and solid state integral electronics, and provides reliable operation in virtually any liquid, regardless of viscosity.

This eliminates problems of stickiness and failure rate due to finite mechanical life inherent in the mechanical float design. The combination of fully epoxy-sealed electronics and ultrasonic sensing technology will provide years of maintenance-free service.

## SPECIFICATIONS

**Repeatability:** 2 mm or better

**Delay (On):** 0.5 sec

**Input Power:**

**LVU-701, LVU-703:**

6 Vdc to 24 Vdc current Draw:

36 mA relay on, 6 mA relay off

**LVU-704, LVU-706:**

6 Vdc to 30 Vdc

**Output:**

**LVU-701, LVU-703, LVU-706:**

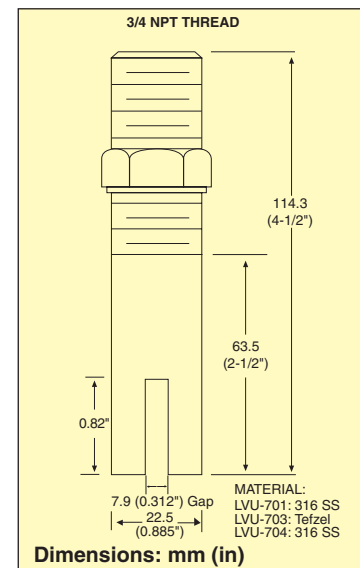
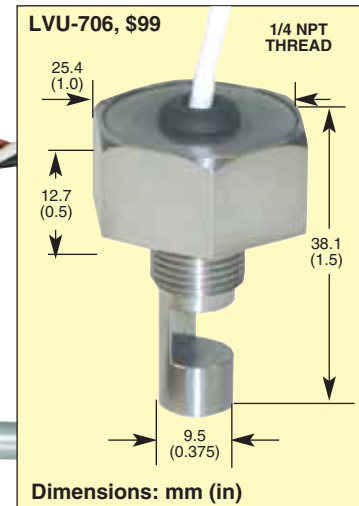
1 A relay output (dry contact) for normally open or normally closed operation

**LVU-704:** 4 mA or 20mA

**Protection:** Transient, reverse polarity

**Temperature:** -29 to 71°C (-20 to 160°F)

**Cable Length:** 0.3 m (1')



**MOST POPULAR MODELS HIGHLIGHTED!**

To Order (Specify Model Number)					
Model No.	Price	Body Material	Max. Pressure bar (psig)	NPT	Output
LVU-701	\$145	316 SS	68.9 (1000)	¼"	1A SPDT Relay
LVU-703	165	Tefzel®	6.89 (100)	¼"	1A SPDT Relay
LVU-704	145	316 SS	68.9 (1000)	¼"	4mA Dry, 20mA Wet
LVU-706	99	316 SS	68.9 (1000)	¼"	1A SPDT Relay

Comes with complete operator's manual.

**Ordering Examples:** LVU-701, 316 SS ¼" NPT 1A SPDT ultrasonic switch, \$145.

LVU-706, 316 SS ¼" NPT 1A SPDT relay output ultrasonic switch, \$99.

## Accessory

Model No.	Price	Description
CE-1917	\$29	Reference Book: Introduction to Design for Civil Engineers





#### UNITED STATES

[www.omega.com](http://www.omega.com)  
1-800-TC-OMEGA  
Stamford, CT.

#### CANADA

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0800-8266342

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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

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Conductivity Instrumentation, Dissolved Oxygen Instrumentation, Environmental Instrumentation, pH Electrodes and Instruments, Water and Soil Analysis Instrumentation

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Displacement Transducers, Dynamic Measurement Force Sensors, Instrumentation for Pressure and Strain Measurements, Load Cells, Pressure Gauges, Pressure Reference Section, Pressure Switches, Pressure Transducers, Proximity Transducers, Regulators, Strain Gages, Torque Transducers, Valves

### • 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