

# ULTRASONIC SOLID STATE LIQUID LEVEL SWITCH

## LVSW-701



- ✓ 300:1 Wet-to-Dry Ratio with 316 SS Sensor
- ✓ Epoxy-Sealed Integral Electronics with Sensor
- ✓ Low-Cost Replacement to Mechanical Float
- ✓ Mounts in Any Direction

The LVSW-701 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 (0.08") or better

**Delay:** 0.5 sec

**Input Power:** 6 to 24 Vdc

**Leakage Current:** Less than 50 uA

**Outputs:**

**Relay Output:** 1 A SPDT relay

**Protection:** Transient, reverse polarity

**Sensor:** 316 LSS

**Temperature:** -29 to 71°C

(-20 to 160°F)

**Pressure:**

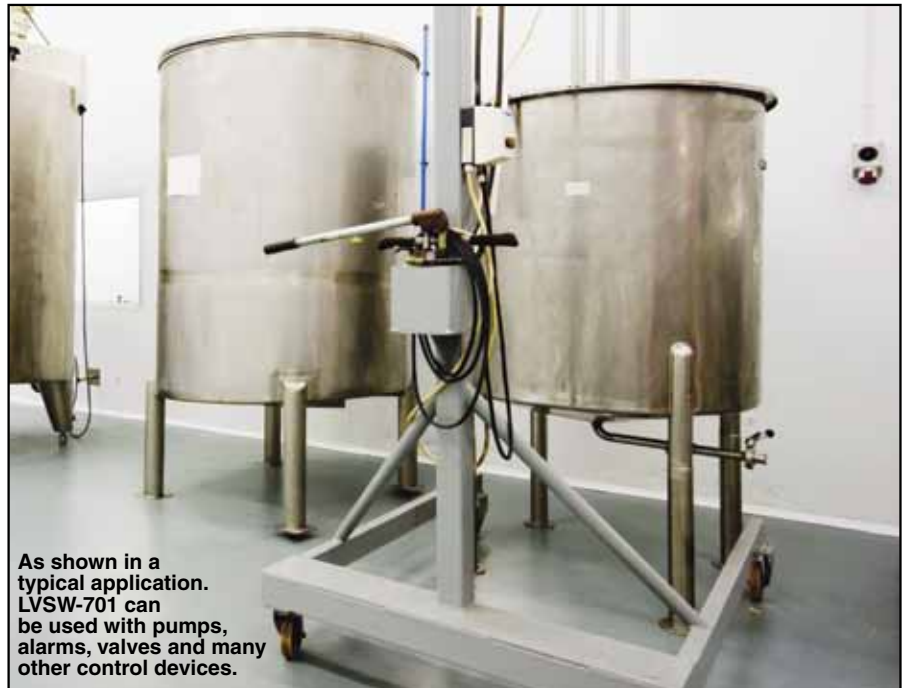
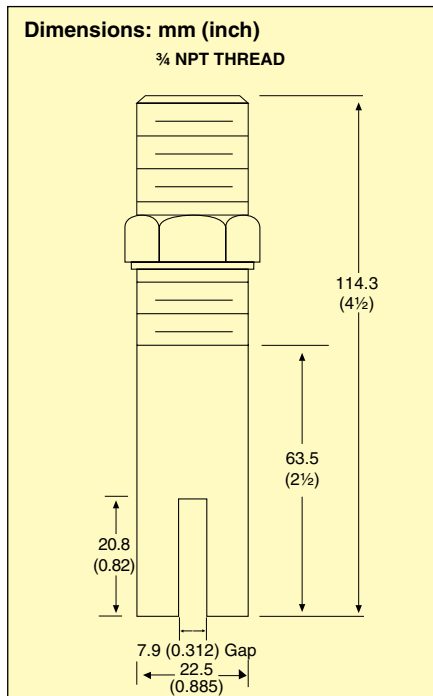
**316 SS Models:** Up to 1000 psig

(6895 kPa)

**Mounting:** ¼ NPT standard



LVSW-701 shown actual size.



To Order	
Model No.	Description
LVSW-701	Level switch, 316 LSS, 1 A SPDT relay

Comes complete with operator's manual.

**Ordering Example:** LVSW-701, 316 LSS, ¼ NPT, 1 A SPDT relay.