

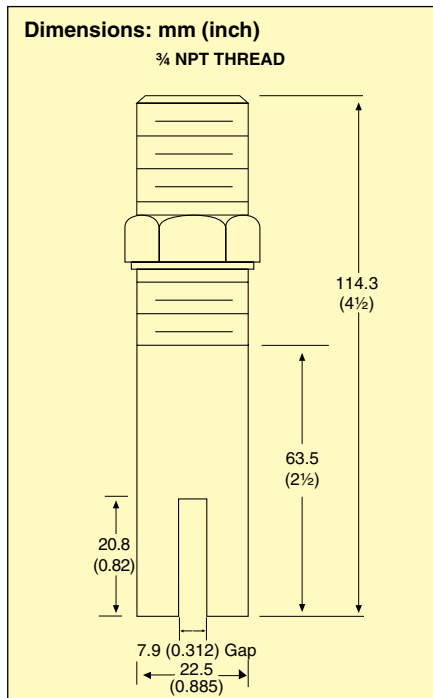
ULTRASONIC SOLID STATE LIQUID LEVEL SWITCH

LVU-A700 Series



- ✓ 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 LVU-A700 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 (0.08") or better

Delay: 0.5 sec

Input Power: 6 to 24 Vdc

Leakage Current: Less than 50 uA

Outputs:

Relay Output LVU-A701:

1 A SPST (NO)

Sink (LVU-A703): 100 mA max

Source (LVU-A707): 100 mA max

Protection: Transient, reverse polarity

Sensor: 316 LSS

Temperature: -29 to 71°C

(-20 to 160°F)

Pressure:

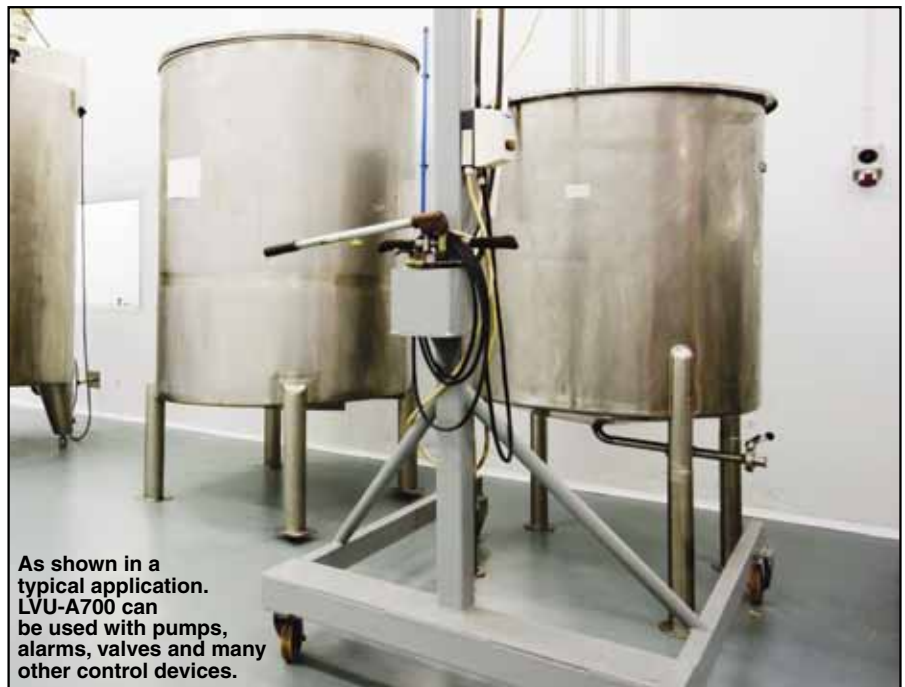
316 SS Models: Up to 1000 psig

(6895 kPa)

Mounting: $\frac{3}{4}$ NPT standard



LVU-A701 shown actual size.



To Order	
Model No.	Description
LVU-A701	Level switch, 316 LSS, 1 A SPST NO relay
LVU-A703	Level switch, 316 LSS, output sinking 100 mA
LVU-A707	Level switch, 316 LSS, output sourcing 100 mA

Comes complete with operator's manual.

Ordering Example: LVU-A701, 316 LSS, $\frac{3}{4}$ NPT, 1 A SPST relay ultrasonic switch.