

FL-LL – Ultrasonic Liquid Level Sensors

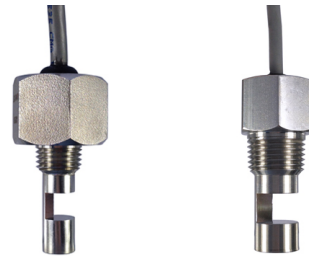
Introducing our FL-LL Single Level Point Ultrasonic Liquid Level Switches, crafted with durable 316 stainless steel (316SS) for superior performance and reliability. Engineered to provide precise and accurate level detection, these switches utilize advanced ultrasonic technology to monitor and control liquid levels with exceptional precision. Ideal for a wide range of industrial applications, including water processing, water treatment and pharmaceutical manufacturing. Our ultrasonic level switches ensure optimal safety and efficiency. The robust 316SS construction offers excellent resistance to corrosion, making it perfect for harsh environments and aggressive media. Easy to install and maintain, our Single Level Point Ultrasonic Liquid Level Switches deliver consistent and reliable operation, minimizing downtime and maximizing productivity. Choose our ultrasonic level switches for unmatched durability, precision, and performance in your liquid level monitoring needs.

FL-LL

Made from 316 stainless steel, these ultrasonic sensors are available with switched relay or digital outputs

FL-LL25 - 1/4" NPT Stainless Steel Ultrasonic Level Sensor, 5 - 30 VDC Input

FL-LL50 - 1/2" NPT Stainless Steel Ultrasonic Level Sensor, 5 - 30 VDC Input



Part Number	Switch Type	Max Switching Current	Max Switching Voltage	Max Temp	Max Pressure	Specific Gravity
FL-LL25	Relay Output (NO/NC)	0.5 Amps	5 to 30 VDC	80° C	250 psig	N/A
FL-LL50	Relay Output (NO/NC)	0.5 Amps	5 to 30 VDC	80° C	250 psig	N/A

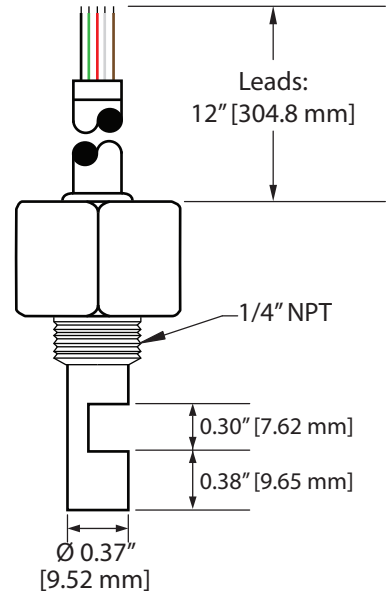
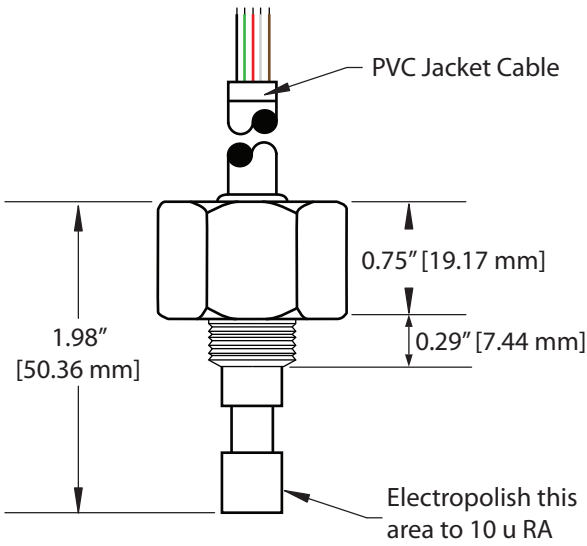
Specifications:

- **Repeatability:** 2 mm or better
- **Delay:** 0.5 seconds
- **Input Power:** 5 VDC to 30 VDC
- **Leakage Current:** Less than 50 µA
- **Outputs:**
 - Sourcing:** 100 mA /Max
 - Sinking:** 100 mA /Max
 - Relay:** 1 amp SPST (NO/NC)
- **Protection:** Transient, reverse polarity
- **Sensor:** 316 LSS Standard
- **Temperature:** -20°F to 176°F (-29°C to 80°C)
- **Cable Length:** 12" (305 mm) longer lengths available

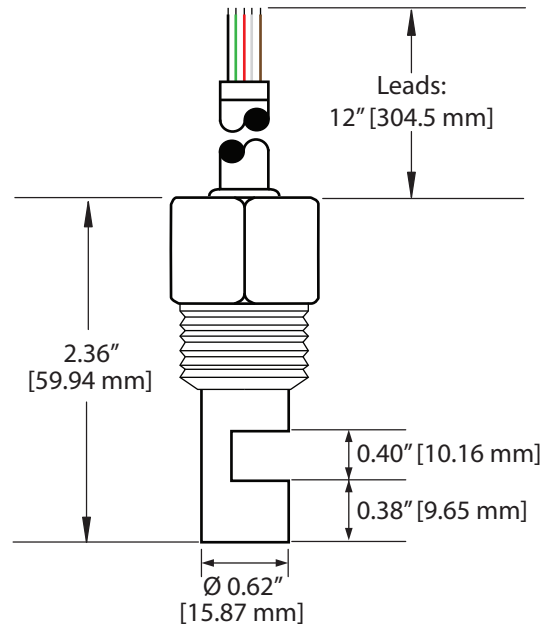
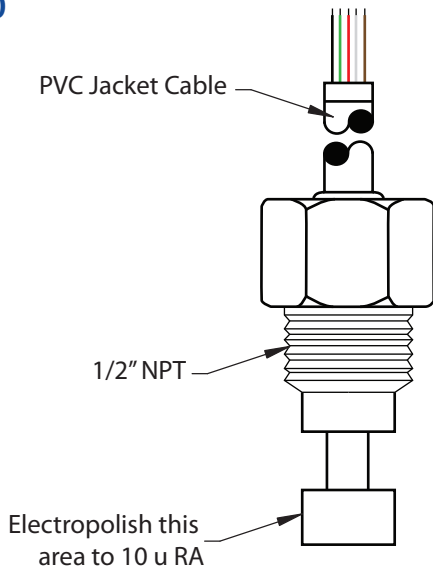
Applications:

- Pump Protection
- Storage Tanks
- Compressors
- Hydraulic Supply Lines
- Oil Film Detection
- Coolant Reservoirs
- Etc

FL-LL25

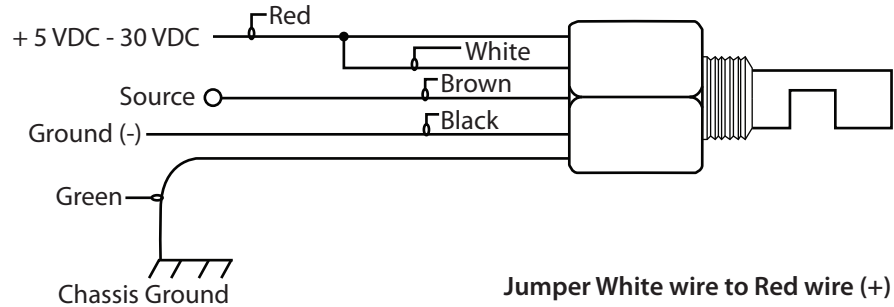


FL-LL50

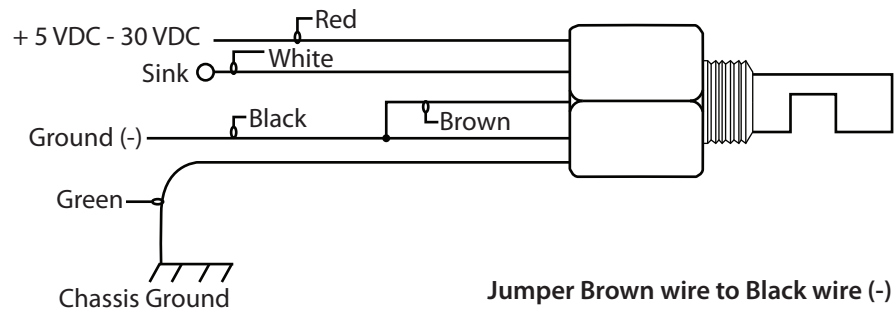


Typical Wiring Diagram

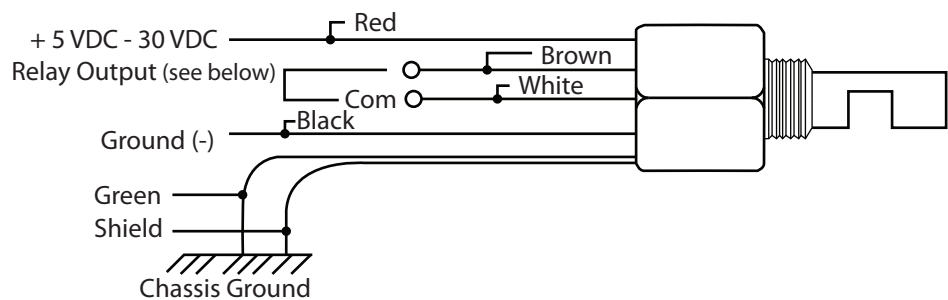
Sourcing Output



Sinking Output



Relay Output



Product Configuration

