

FL50 – Ultrasonic Point Level Sensor

This plastic ultrasonic point level sensor is made of durable nylon or polypropylene for unmatched chemical resistance. As a result the FL50 level sensor can be used across a wide range of industrial applications, including with hydraulic fluids, oils, and slurries. Ultrasonic liquid level sensors work by emitting high frequency sound waves and detecting changes in the waves as they bounce back to the sensor. This technology makes this ultrasonic sensor capable of both point level and continuous sensing applications.

FL50

Nylon or polypropylene ultrasonic point level and continuous liquid level level sensor

FL50-NY01 - 1/2" NPT Nylon Ultrasonic Level Sensor, 5 - 15 VDC Input

FL50-PP01 - 1/2" NPT Polypropylene Ultrasonic Level Sensor, 5 - 15 VDC Input



Part Number	Switch Type	Max Switching Current	Max Switching Voltage	Max Temp	Max Pressure	Specific Gravity
FL50-NY01	Relay Output (SPDT)	1 Amps	5 to 15 VDC	70° C	150 psig	N/A
FL50-PP01	Relay Output (SPDT)	1 Amps	5 to 15 VDC	70° C	150 psig	N/A

Lead Outs:	
Red:	5-12 VDC
Black:	Ground
Green:	Relay Common
White:	Relay NO
Brown:	Relay NC

Features:

- Optional Intergrated Self-Test Function
- Reliable Ultrasonic Sening Technology
- Low Power Consumption (<30 mA @5V)
- Optional Mulitple Relay or Digital Outputs
- Custom Pinouts, Cables, and Connectors
- Digital "Smart" Circuit for Customability

Ultrasonic level sensors are the most reliable option available to measure things like bulk solids or highly viscous liquids. If your application requires remote monitoring this would likely be the best option for your needs because it can continually monitor the presence or absence of media in the environment.

Like all of our level sensors, the FL50 can be custom-engineered to manufactured to meet your specific requirements.

