



L001U

DESCRIPTION

The miniature L001U Ultra Low-Level Float Switch offers reliable and economical low-level switching for a wide variety of applications and media. Comprised of solid polypropylene, this compact device is capable of actuating in levels as low as $\frac{3}{8}$ ". The switch can be top-mounted with a standard $\frac{1}{8}$ " NPT or $\frac{3}{8}$ " - 16 thread mounting. An adhesive-backed mounting surface also enables the L001U to be mounted alternatively at the bottom of a tank. With a larger displacement than other sub-compact models and various material options, the L001U is suitable for unlimited types of water-based, oil-based, low-density and ultra pure liquid media.

PRINCIPLE OF OPERATION

A hermetically-sealed reed switch is actuated by an internal magnet within the float. As the float rises and falls with the liquid level, the magnetic field passes the switch encapsulated within the stem and causes the contact to either open or close.

KEY FEATURES

- Ideal for Confined Spaces
- Broad Media Capability
- 24" Lead Wires
- FDA-Approved Material
- Special Cable and Connector Options

ENVIRONMENTAL

- Maximum Temperature: +150° F (+65.6° C)
- Maximum Pressure: 150 PSIG (10.3 bar)

SPECIFICATIONS

SERIES	MOUNT	STEM/FLOAT	SG*	TEMPERATURE	PRESSURE
L001U	$\frac{1}{8}$ " NPT	Solid Polypropylene	0.80	-40° to +150° F (-40° to +65.6° C)	150 PSIG (10.3 bar)
	$\frac{3}{8}$ " - 16	Solid Polypropylene	0.80	-40° to +150° F (-40° to +65.6° C)	150 PSIG (10.3 bar)

*SG refers to the recommended minimum liquid specific gravity.

ELECTRICAL

- Switch Ratings:
SPST 10 VA
SPDT 3 VA

APPLICATIONS

- Condensate Pans
- Humidifiers & Dehumidifiers
- Steam Tables
- Chemical Storage

