



L001U

Description

The miniature L001U offers reliable and economical low level switching for a variety of applications and media. Made in FDA compliant polypropylene material, this compact device can actuate at levels as low as 3/8-inch of water. It can be top mounted with standard 1/8" NPT or 3/8"-16 thread or base mounted at the bottom of the tank using a specially designed adhesive backed mounting surface.

The L001U can also be provided with a Buna-N float for oils and other lower density fluid. A wide assortment of special connectors and cable options are available.

Principle of Operation

A hermetically sealed reed switch located in the switch stem is actuated by a magnet inside the float moving vertically across its height.

Key Features

- Switch as low as 3/8-inch of water
- Small size
- Base or top mounted
- FDA approved polypropylene material
- Special cable and connector options

Electrical

- 10 VA, SPST maximum current 200 mA (120 VAC) resistive

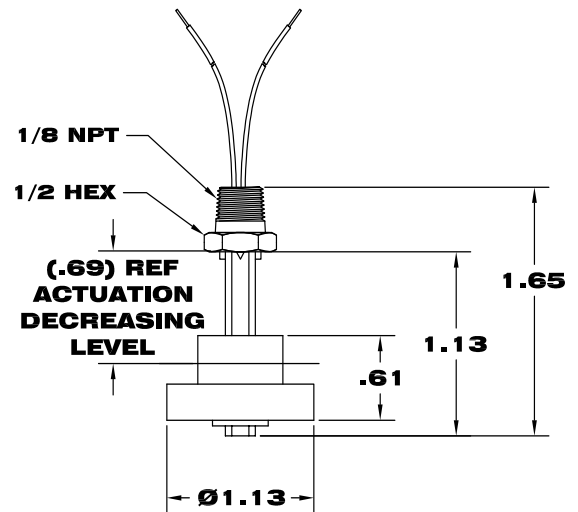


Environmental

- Maximum pressure: 150 psig (10 bar)
- Maximum temperature: +200° F (+94° C)

Applications

- Condensate pans
- Humidifiers & Dehumidifiers
- Steam tables
- Chemical storage



Specifications						
Series	Mounting	Stem/Float Materials	SG	Temperature	Pressure	P/N
L001U	1/8" NPT	Solid/PP	.90	-40° to +150° F	150 psig	L001U-0102-0301
	3/8" - 16	Solid/PP	.90	-40° to +150° F	150 psig	L001U-1702-0301
	1/8" NPT	Polysulfone/Buna	.75	-40° to +180° F	150 psig	L001U-0122-2001
	3/8" - 16	Polysulfone/Buna	.75	-40° to +180° F	150 psig	L001U-1722-2001

SG refers to recommended minimum specific gravity of the liquid
All standard switches are rated at 10 VA power, (resistive). Please specify switch operation N.O. (Normally Open) or N.C. (Normally Closed) dry.

Bulletin: IS-111.0
Effective: December 2009