

HiTECH

Technologies, Inc.

SuperSwitch™ LL-102 Liquid Point Level Switch with ON-Demand Self Test

Model LL-102

SuperSwitch™ Ultrasonic Sensing Technology

APPLICATION

- ◆ Food Processing
- ◆ Chemical
- ◆ Petrochemical
- ◆ Pharmaceutical

ADVANTAGES

- 1000: 1 wet to dry ratio
- 316 stainless steel sensor
- Application in liquids with
varying viscosities, foaming,
polymerizing and more.
- Small ~ 3/8" & 1/2" NPT mounting
- Epoxy painted enclosure
- Miniature, encapsulated electronics
- No calibration or special installation
- FM approved
- CSA approved



The SuperSwitch™ LL-102 Liquid Level Switch is the ideal solution to a host of liquid level sensing and control applications.

It uses proven ultrasonic technology to operate in virtually any liquid, regardless of viscosity or aeration.

Its small size and standard 3/4" NPT mounting makes it the perfect choice for new or existing applications.

The LL-102 consists of a 316SS sensor and an integral miniaturized, encapsulated electronic control unit, mounted in a cast aluminum, explosion-proof, watertight enclosure.

HiTECH Technologies, Inc.

301 Oxford Valley Road, Yardley, PA 19067-7706

Technical support: 800. 755. 4507

Tel: 215. 321. 6012 Fax: 215. 321. 6067 - www.hitechtech.com

SPECIFICATIONS

Repeatability:

2 mm typical

Delay(On):

0.5 seconds (standard)

Input Power:

115V or 230V 50/60 Hz AC standard;
12 or 24V DC optional

Outputs:

10A DPDT relay standard,

Temperature Range:

Sensor	-40° F to +300° F
Electronics	-20° F to +170° F

Housing:

Cast Aluminum, Explosion-proof & Watertight
NEMA 4 / NEMA 7 , Class I, Group C & D,
Class II, Group E., F, & G, Class III, Div. 1 & 2

Sensor Material:

316SS standard

Pressure:

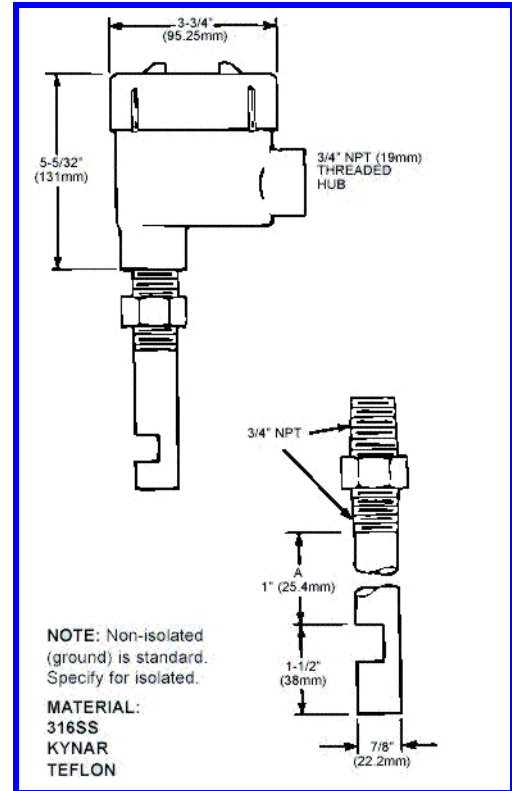
Operating: Up to 1000 psig

Mounting:

3/4" NPT standard
Flange Mounting available

Weight:

1 lb. (.45kg) approximate



PERFORMANCE GUARANTEE

Since 1986, every instrument sold by HiTECH has been guaranteed to perform in the application it originally was engineered and recommended for. Our company policy remains the same, every product sold comes with a written performance guarantee.

Should the equipment be unable to perform satisfactorily in your application and we are not able to correct the problem, we will accept the instrument in return and issue full credit. This performance guarantee is valid for 60 days. Thereafter, our standard limited two years factory warranty goes into effect.