

HiTECH

Technologies, Inc.

SuperSwitch™ LL-100 Miniature Integral Liquid Point Level Switch

Model LL-100

SuperSwitch™ Ultrasonic Sensing Technology

APPLICATION

- ◆ Pump Protection
- ◆ Storage Tanks
- ◆ Compressors
- ◆ Hydraulic Supply Lines
- ◆ Sewage Systems
- ◆ Pipe Lines

ADVANTAGES

Solid one piece construction

Teflon® for corrosive compatibility

500: 1 wet to diy ratio

Epoxy painted enclosure

Miniature, encapsulated electronics

No calibration or special installation

FM approved

CSA approved



The SuperSwitch™ LL-100 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.

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

The LL-100 consists of a 316SS or Teflon® sensor and an integral miniature, encapsulated electronic control unit which is mounted in a cast aluminum, explosion-proof, and watertight enclosure.

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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:

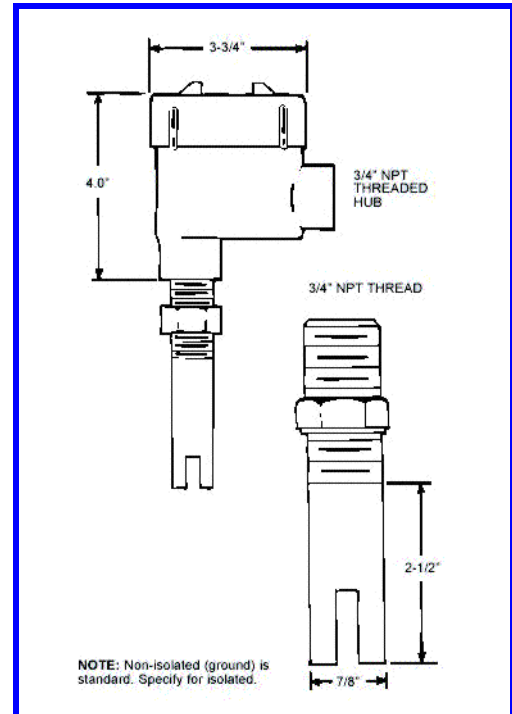
Operating: Up to 1000 psig

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.