

HiTECH

Technologies, Inc.

SuperSwitch™ LL-394 Sludge Blanket Liquid Level Switch

SuperSwitch™ Ultrasonic Sensing Technology

Model LL-394

APPLICATION

◆ Wastewater Sludge Blanket Control

Functions with liquids of:

varying viscosities,
foaming,
polymerizing,
and more.



ADVANTAGES

1000: 1 wet to dry ratio

Field adjustable sensitivity control

316 Stainless Steel Sensor

Easily field assembled

for single or multipoint

FM approved

CSA approved

The SuperSwitch™ LL-394 Sludge Level Switch is the ideal solution to a host of liquid level sensing applications: municipal sewage sludge, industrial waste supply, water softening sludge, process slurry, clarifier and setting tanks in waste water treatment plants.

It uses proven ultrasonic technology with a sensor fabricated completely from 316 stainless steel, which allows it to operate in virtually any liquid.

A sensitivity adjustment allows the monitoring of percentage solids in the contents of the liquid. Its small size standard 3/4" NPT mounting fitting and ability to be installed vertically or horizontally, makes it the perfect choice for new or existing applications.

HiTECH Technologies, Inc.

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SPECIFICATIONS

Input Power:

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

Response Time:

0.5 seconds

Output:

10A DPDT relay standard

Two Wire:

4 ± 1 ma - Dry, 20 ± 1 ma - Wet

Temperature Range:

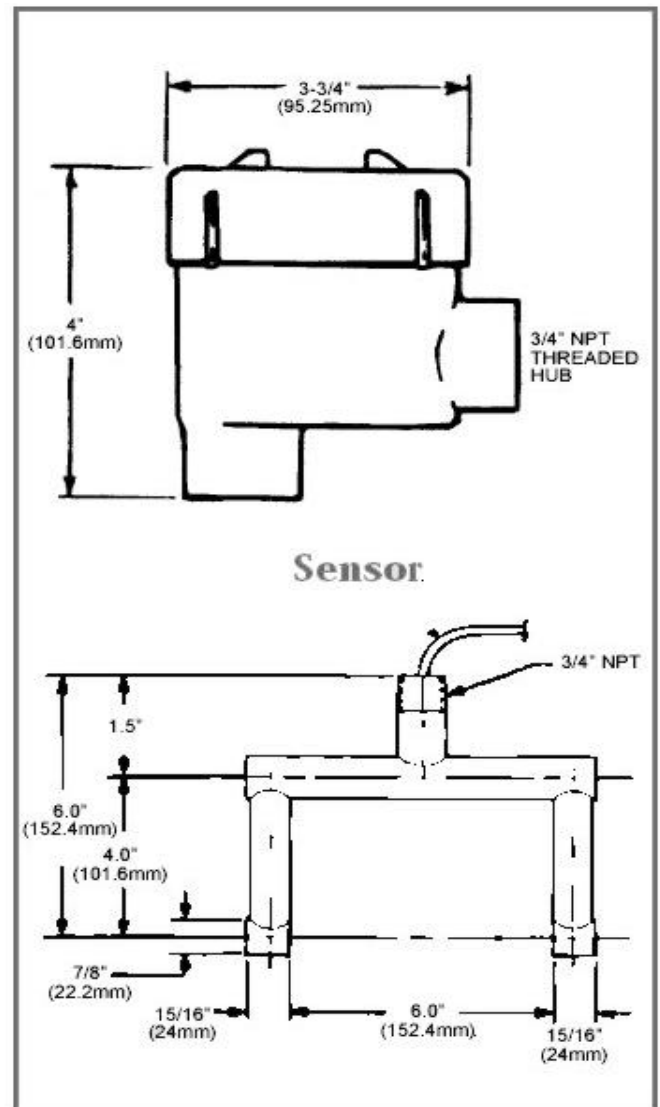
Sensor -40°F to +250°F (-40°C to 121°C)
Electronics -20°F to +160°F (-29°C to 71°C)

Console Enclosure:

NEMA 4 weatherproof, wall mount

Sensor Construction:

(Standard) 316 stainless steel wetted parts



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.