

HiTECH

Technologies, Inc.

Sonic Eye™ Non-Invasive Liquid Level Switch Single / Multi Points

Model SE-601

SuperSwitch™ Ultrasonic Sensing Technology

APPLICATIONS

- ◆ Viscosity of Liquids
- ◆ Alarm in Sight Glass
- ◆ Heating and Air Conditioning
- ◆ Hydraulic lines
- ◆ Pharmaceutical and Dairy
- ◆ Chemical Analyzers
- ◆ High Pressure Glass Tube
- ◆ Semiconductor Industries



ADVANTAGES

CLAMP-ON SENSOR design works up to
1/2" THICK-WALL metal or glass, tank or pipe.

Pipe or vessel size from

1/4" (6.3mm) tubing to 12" diameter

Immune to coatings, sticky or corrosive liquids

Single/dual/three/four alarm points

Two wire loop power for plastic tubing / pipe

4.0 ±1.0mA - dry; 20.0 ±1.0mA - wet

The non-invasive SONIC EYE™ monitors liquid levels at one or more points through pipes or tubing of various sizes from 1/4" tubing to 12" diameter, with a wall thickness up to 1/2" thick.

The exclusive patented sensor design simply clamps on the thick wall pipe or tube, no alignment is necessary.

The small size of the sensor provides simplicity for mounting at almost any location, without interrupting the process or modifying the pipe or vessel. It is ideal for high pressure thickwall tubing pipes or sight glasses.

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SPECIFICATIONS

Repeatability:

2 mm typical

Delay:

0.5 seconds - others available

Input Power:

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

Outputs:

10A DPDT relay single alarm/ multiple alarm,;
4 mA / 20 mA 2 wire loop power

Temperature Range:

Sensor -40°F to +180°F (-40°C to 82°C)
Electronics -20°F to +170°F (-29°C to 77°C)

Housing:

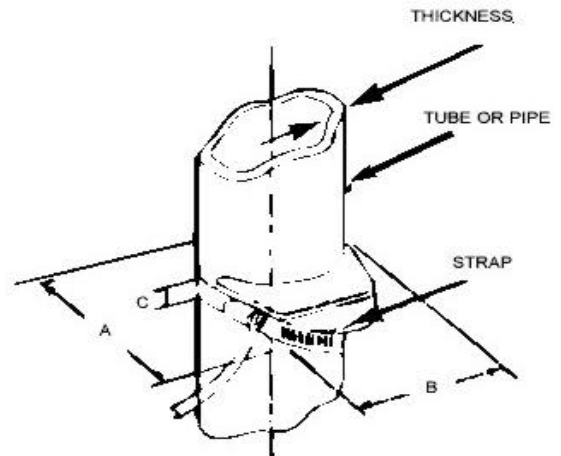
NEMA 4X Standard

Sensor:

Epoxy

Cable:

10 feet coaxial cable (longer available)



SPECIFY:

Pipe Material: _____ Pipe Thickness: _____
Pipe Outside Dia.: _____ Length of Cable: _____

NOTE:

Dimensions "A," "B," "C" depends on outside diameter of Pipe/Tube

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.