HiTECH Technologies, Inc.

HiTECH

HT1610 Series
HT1620 Series

Sound Steadfast Solutions

Made in America

Invasive Point Level System

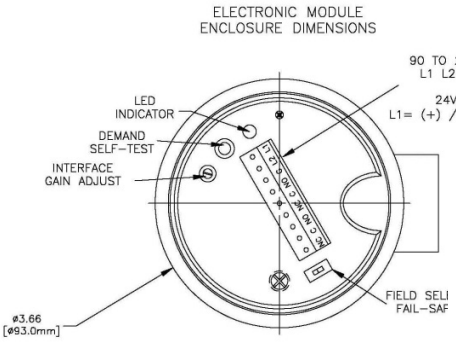
Description

The Ultrasonic Point Level System 1610 Series is an ideal solution for detecting liquid in storage vessels, tanks and pipes. With integrated electronics it is a designed for almost any liquid level application. The probe is constructed in 316LSS material. The electronic module is captured in a plastic cassette and is mounted in a NEMA 4/ 7 explosion proof housing. There is no adjustment for the system. An LED indicator on the electronic module offers a visual status of the system. Field selectable Fail safe allows for the relays to be energized on power up or in normal condition to close when liquid is present. Continuous Self-diagnostic checks connection of the probe. A Demand Push button self-test feature on the electronic module assures the user the system is functioning correctly. A delay in is added in on the liquid down to avoid false trip due to wave action.

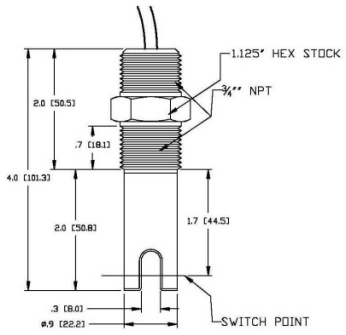
Order information

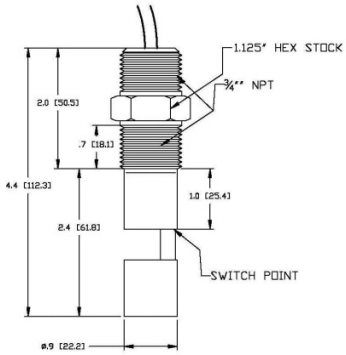
HT16 -	_	_	_	_	_	_	_	_
Probe style Fork	1	|	|	|	|	|	|	|
Notch	2	|	|	|	|	|	|	|
Input 24VDC	--	0	|	|	|	|	|	|
90 to 240VAC	--	1	|	|	|	|	|	|
9-30VDC	--	2	|	|	|	|	|	|
Output: 10 ADPDT	--	--	0	|	|	|	|	|
Loop Power (4-20mA)	--	--	1	|	|	|	|	|
Mounting Integral	--	--	--	1	0	|	|	|
Remote	--	--	--	2	|	|	|	|
Cable (remote) in feet (1'std)	--	--	--	--	01	|	|	|
Actuation point inches (01"std)	--	--	--	--	--	01	|	|
Process connection (3/4"std)	--	--	--	--	--	--	3	|
Flange ANSI 150# A	--	--	--	--	--	--	A	|
Flange ANSI 300# B	--	--	--	--	--	--	B	|
Flange Sanitary C	--	--	--	--	--	--	C	|
Flange size 1" -1	--	--	--	--	--	--	--	1
1.5"-0	--	--	--	--	--	--	--	0
2" –2	--	--	--	--	---	--	--	2

Wiring



Mechanical Dimensions





- *Probe construction:316LSS (Consult Factory for other materials)*
- *Input Options :24VDC or 90 to 240VAC (10A DPDT)*
  9VDC to 30 VDC (Loop Power)
- *Extension Length: 1" to 72"*
- *Temperature: -20 to 135°C*
- *Pressure: 1000 PSIG*
- *Electronics: Integral / Remote*
- *Enclosure: NEMA 4 / 7*
- *Continuous Diagnostic Connection test*
- *Push Button Demand Self-Test*
- *Field Select Fail-Safe*
- *LED Output Indicator*

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