



## Warrick® Series 26H Controls Installation and Operation Bulletin

This bulletin should be used by experienced personnel as a guide to the installation of series 26H Controls. Selection or installation of equipment should always be accompanied by competent technical assistance. We encourage you to contact Gems Sensors or our local representative if further information is required.

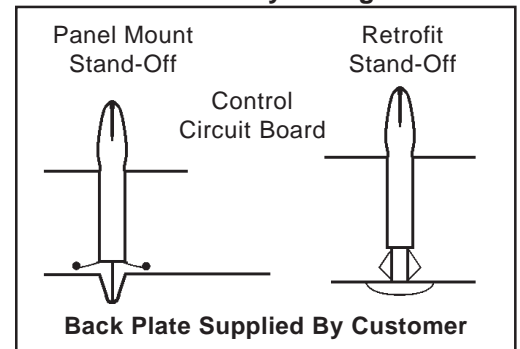
### Installation

1. Drill three .187 dia. holes in customer-supplied backplate using stick-on template supplied with control. Standard standoffs are designed for backplate thickness of .062 (1/16"). Standoffs are available for backplates of .125 (1/8") nominal thickness. If retrofit plate standoffs are used, drill three .250 dia. holes in proper location.
2. Install three standoffs onto backplate. Install circuit board onto standoffs by pushing down on circuit board at outer edges of all four corners. Use both hands to slide board onto standoffs until standoffs lock. **CAUTION: Do not overflex circuit board during installation. Do not push down on transformer or relays during installation. See sketch for proper installation. Install control in appropriate enclosure.**
3. Wire control per diagram, following N.E.C. and local codes. Use appropriately sized spade terminals.

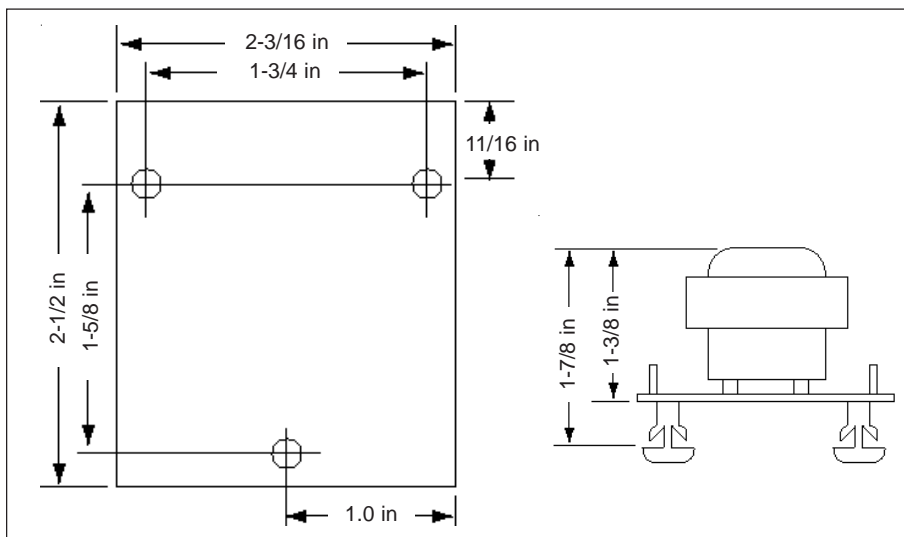
### Specifications

<b>Control Design:</b>	Open Circuit Board
<b>Contact Design:</b>	SPDT (1 form C): One normally open (N.O.) and one normally closed (N.C.) non-powered contacts
<b>Contact Ratings:</b>	10 A @ 120,240 VAC resistive (120°F), 1A @ 120, 240 VAC resistive (150°F), 1/3 H.P. @ 120, 240 VAC (120°F)
<b>Contact Life:</b>	<u>Mechanical:</u> 5 million operations - <u>Electrical:</u> 100,000 operations minimum at rated load
<b>Supply Voltage</b>	120, 240 or 24 VAC models: +10% -15% 50/60 Hz. 208/240 model: 187 Vmin to 255 Vmax. VAC 50/60Hz
<b>Supply Current:</b>	Relay energized at 4.4 VA
<b>Secondary Circuit:</b>	12 VAC RMS Voltage on probes. 1.5 milli-amp Current
<b>Sensitivity:</b>	Models operate from 4.7K to 100K Ohm maximum specific resistance.
<b>Temperature:</b>	-40° TO 150°F Ambient
<b>Terminals:</b>	Probe connections 3/16" spade: Line and Power connections ¼" space.
<b>Time Delays:</b>	Standard - LLCO Probe, 3 seconds on lowering level
<b>Listings:</b>	U.L. Limit Control recognition (353). 240 and 208 volt units are not U.L. Limit Control recognized.

### Stand-Off Style Diagram



### Dimensions

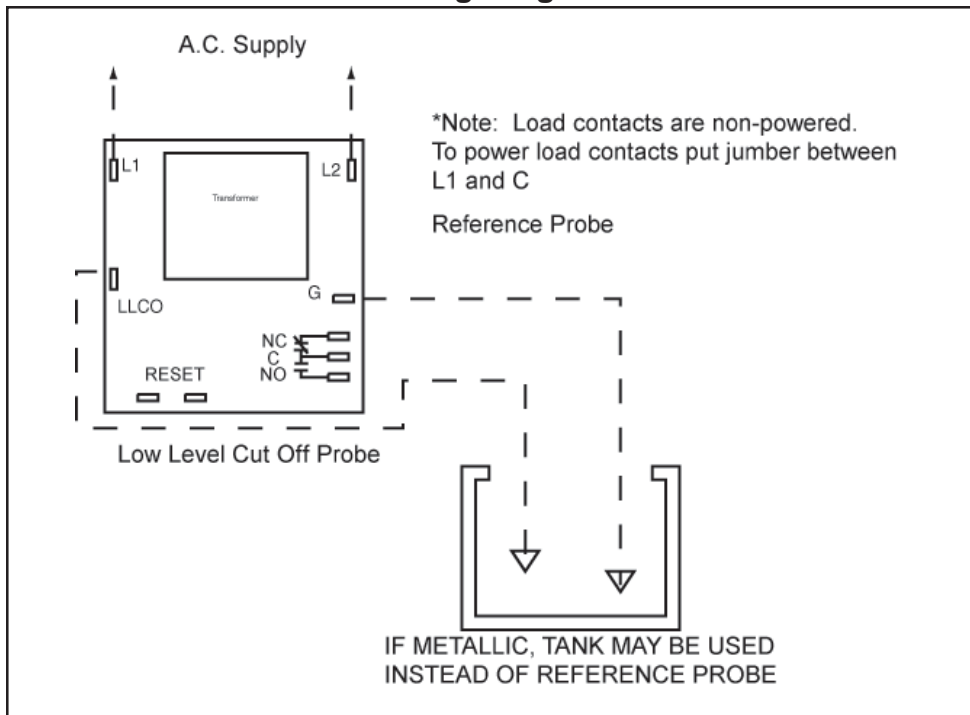


### Sensitivities vs Maximum Probe Wire Distance\*

Sensitivity Character	Sensitivity (K Ohms)	Distance (Ft.)
D	50	100
E	100	50

\* Based on type MTW or THHN wire, #14 or #16 Awg

## Wiring Diagram



### Automatic Reset - Not Available

#### Manual Reset (Normally closed push-button installed across reset terminals)

When the liquid rises to the electrode on terminal LLCO, the control will remain de-energized until the push-button is depressed. The control will then energize, (LED will be lit) changing the state of the contacts. The control remains energized until the liquid level recedes below electrode on terminal LLCO. The control then de-energizes, (LED will not be lit) returning load contacts to their original state. Unless otherwise specified, there is a three second time delay on decreasing level. Liquid must be below probe on terminal LLCO for full three seconds before control de-energizes.

#### Manual Reset Optional Power Outage Feature (Normally closed push-button across reset terminals)

Control will ignore power loss to control. With liquid above electrode on terminal LLCO, a power outage will cause the control to de-energize, but will automatically energize upon return of power. However, loss of liquid will cause control to de-energize and remain so until liquid again rises to electrode and push-button is depressed.

### Ordering Information

**26H X-X-X-X-XX-XX**

- Time Delay: 3 seconds standard up to 12 seconds
- Optional Character: See optional character chart below
- Enclosure: 0=None, 1=NEMA 1, 4=NEMA 4, 7=NEMA 7, 12=NEMA 12
- Standoff Style: A=1/16" panel, B=1/8" panel, C=Screw mount, D=Retrofit plate
- Voltage: 1=120 VAC, 2=240 VAC, 3=24 VAC, 4=208 VAC
- Sensitivity: D=50K, E=100K

### Optional Character Chart

	N.C. Push-Button	Power Outage	Retrofit Plate
C	X	NA	NA
E	NA	X	NA
F	X	X	NA
N	NA	X	X
P	X	X	X
R	NA	NA	X



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