

Components purchased separately

LC SERIES, LIQUID LEVEL CONTROLS							
PROBE MODEL NUMBER	PROBE LENGTH In./(mm)	NUMBER OF PROBES	+	ELEC-TRONICS ONLY	OR	ELECTRON-ICS WITH ENCLOSURE	SHIP WGT. Lbs./(kg)
2(* )6	6 (155)	2		LC		LCB	3 (1.5)
2(* )12	12 (305)	2		LC		LCB	3 (1.5)
2(* )18	18 (460)	2		LC		LCB	4 (2)
2(* )24	24 (610)	2		LC		LCB	4 (2)
2(* )30	30 (760)	2		LC		LCB	5 (2.5)
2(* )36	36 (915)	2		LC		LCB	5 (2.5)
2(* )48	48 (1220)	2		LC		LCB	6 (3)
3(* )6	6 (155)	3		LC		LCB	3 (1.5)
3(* )12	12 (305)	3		LC		LCB	3 (1.5)
3(* )18	18 (460)	3		LC		LCB	4 (2)
3(* )24	24 (610)	3		LC		LCB	4 (2)
3(* )30	30 (760)	3		LC		LCB	5 (2.5)
3(* )36	36 (915)	3		LC		LCB	5 (2.5)
3(* )48	48 (1220)	3		LC		LCB	6 (3)

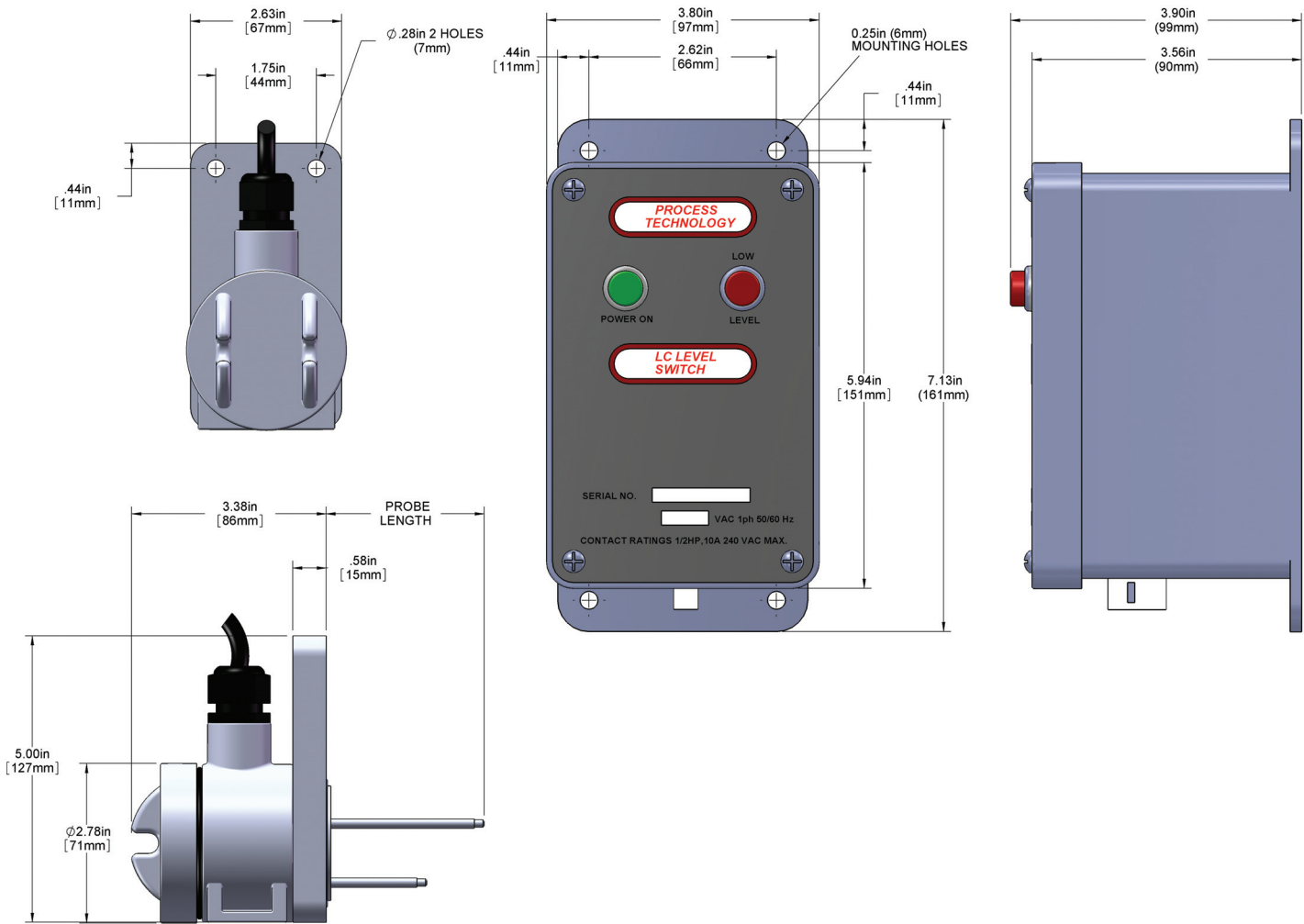
**Specify probe material:**

S = STAINLESS STEEL      H = HASTELLOY C®  
 T = TITANIUM              G = GRAPHITE-TIPPED  
 FLUOROPOLYMER (PTFE) COVERED STANDARD

## Product Features and Benefits:

- ◆ **IMPROVES PROCESS CONTROL:**
    - Provides automated control and consistent liquid levels in most conductive aqueous processes, waste treatment tanks and when leak detection is required.
    - Adds protection against fires and tank damage associated with low-level conditions.
    - Dual probe units (LC2): for single point control.
    - Multi probe units (LC3): for two-point control and refill/pump down applications.
  - ◆ **CAPACITIES:**
    - Relay rating: 10-amps at 120/208 to 240 volts, 50/60 Hz, single pole, double throw.
    - Sensing output: 14.5 VAC.
    - Ambient temperature range: 0°F (-18°C) to 104°F (40°C).
    - Maximum solution resistance: 70,000 ohm-CM.
    - Single phase only.
  - ◆ **CORROSION RESISTANT PROBES:**
    - Fluoropolymer (PTFE) covered: 316 stainless steel, titanium, Hastelloy C® and graphite tipped Hastelloy probe materials.
    - Lengths: up to 48 inches (1220mm) standard.
    - Field trimmable (except graphite probes).
  - ◆ **SAFETY FEATURES:**
    - Ground connection on circuit board.
    - Minimal AC sensing current has no affect on plating processes.
  - ◆ **CORROSION RESISTANT ENCLOSURES:**
    - Control enclosure: gasketed UL Type 4/4x, IP62 (indoor) polypropylene box with stainless steel hardware.
    - Probe enclosure: vapor tight, polypropylene head with 10-foot (3m) flexible lead and quick connect plug for easy connection to remote circuitry.
  - ◆ **OPTIONS AVAILABLE (consult factory):**
    - Probe lengths up to 20-foot (6m).
    - Can be pre-wired into combination controls.
    - Fluid stilling chambers.
    - Longer flexible cords.
    - Cord extensions for existing units.
    - 4, 5 or 6-probe devices for multiple level control applications.
  - ◆ **CERTIFICATIONS:** cULus and CE.
- NOTE:** Do not use in flammable solutions or in the presence of flammable gases. Not for use in deionized water, oil or other non-conductive solutions.

## DIMENSIONS



## CONDUCTIVITY TYPE LEVEL CONTROL ORDERING INFORMATION

Probe Assembly Only			Electronic Assembly Only
Number of Probes	Probe Material	Probe Length (in inches)*	Electronics
2	S = 316 Stainless Steel T = Titanium H = Hastelloy C® G = Graphite (not field trimmable)	6 = 6"	LCB = electronics in plastic enclosure LC= level switch circuit board only
3		12 = 12"	
4		18 = 18"	
5		24 = 24"	
5		30 = 30"	
6		36 = 36"	
		48 = 48" (custom lengths available)	

Hastelloy C® is a registered trademark of Haynes International, Inc.

\* one inch = 25.4mm

### ORDERING EXAMPLE:

3T36+LCB  
3 probe, titanium, 36" probe, and electronic in plastic enclosure.

