

**ESP SERIES, LIQUID LEVEL CONTROLS**

MODEL NUMBER	VOLTS	CONTACTS	MIN. LOAD	MAX. LOAD	MAX AMB. TEMP	SENSING RANGE	SHIP WGT. Lbs./ (kg)
ESP	90/265 VAC	Field selectable N/O-N/C	10 mA	500 mA	176°F 80°C	.12 to .98" (3-25mm)	1 (.5)

Monitors liquid level from outside of plastic or non-metallic tanks.

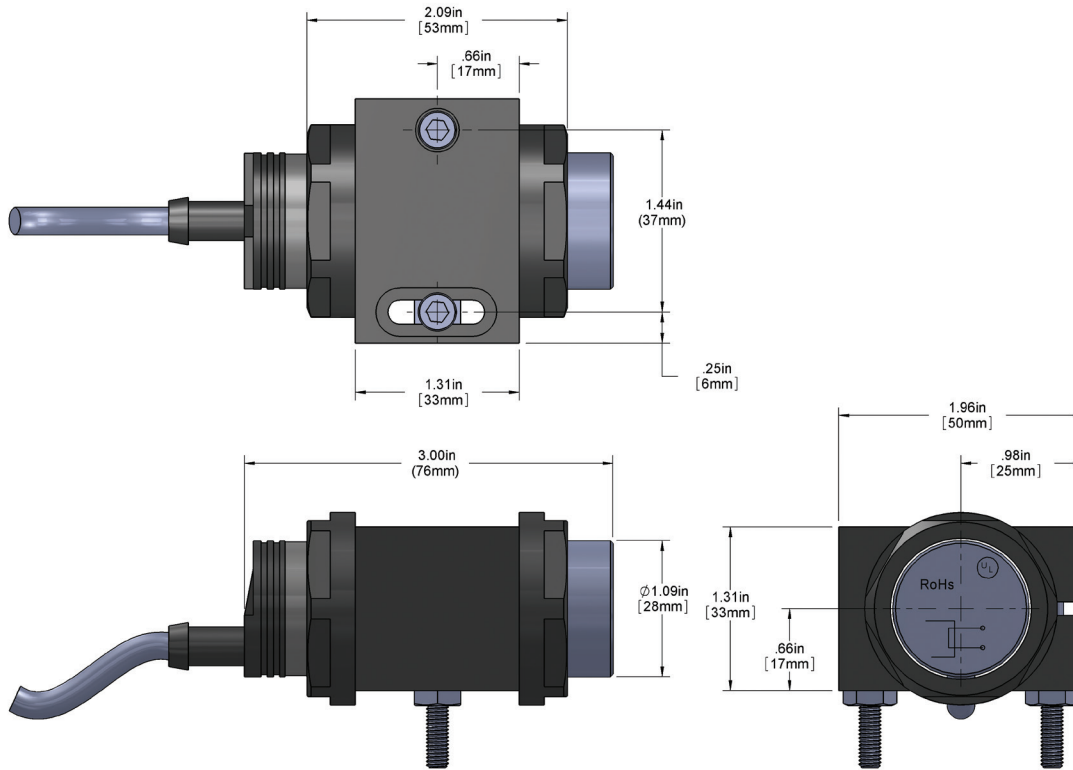
## Product Features and Benefits

- ◆ **IMPROVES PROCESS CONTROL:**
  - Provides automated control and consistent liquid levels for most aqueous processes and waste treatment tanks, or when leak detection is required.
  - Helps protect against fires and tank damage associated with low-level conditions.
  - ESP model: mounts on the outside of plastic tanks and senses up to .984 inches (25mm), so no direct immersion is required.
  - ESPV model: for direct immersion applications (vertically mounted).
- ◆ **CORROSION RESISTANT ENCLOSURE:**
  - ESP model: housed in a plastic, epoxy encapsulated enclosure with 6-foot (1.8m) flexible cord and mounting flange.
  - ESPV model: vapor resistant, CPVC probe enclosure with 3-foot (.9m) flexible PVC conduit.
- ◆ **CERTIFICATIONS:** CSA certified, UL listed, and CE.
- ◆ **CAPACITIES:**
  - Field selectable normally open or normally closed.
  - 500 mA switch capacity (10 mA minimum).
  - Operates on any voltage between 90 and 265 VAC, 50/60 Hz.
  - Ambient temperature range: 0°F (-18°C) to 176°F (80°C).
  - Single phase only.
- ◆ **OPTIONS AVAILABLE** (consult factory):
  - ESPV models available with heavy wall immersion tubes in: CPVC, PVDF, PTFE, and quartz for vertical mounting.
  - Custom length immersion tubes for ESPV models.
  - Can be pre-wired into combination temperature controls.
  - Longer flexible conduits for ESPV devices.
  - Threaded wells for through tank wall applications.

Your Distributor:

80 Metcalfe Street • Buffalo, NY 14206 U.S.A. • **US/CN: 800-777-2436** • 716-856-2300 • Fax: 716-856-7115  
www.cdibuffalo.com • E-mail: sales@cdibuffalo.com

## DIMENSIONS



## CAPACITIVE TYPE LEVEL CONTROL ORDERING INFORMATION

Series	Options	Vertical Tube Material	Vertical Tube Length (ESPV only)
ESP	V = mounted in vertical tube	C = CPVC K = PVDF X = PTFE	specify in inches Ex: -24 = 24"
1 inch = 25.4mm			

### **ORDERING EXAMPLE:**

ESP  
Capacitive level switch, field switchable.

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