



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	10 mA	500 mA	176°F 80°C	.12 to .98" (3-25mm)	1 (.5)
	50/60 Hz	N/O-N/C					

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



## ESP 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.
- Adds protection 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.

### CORROSION RESISTANT ENCLOSURE:

- ESP model: housed in a plastic, epoxy encapsulated enclosure with 6-foot (1.8m) flexible cord.
- ESPV model: vapor tight, polypropylene probe enclosure with 3-foot (.9m) flexible PVC conduit.

**CERTIFICATIONS:** UL, CSA, and CE.

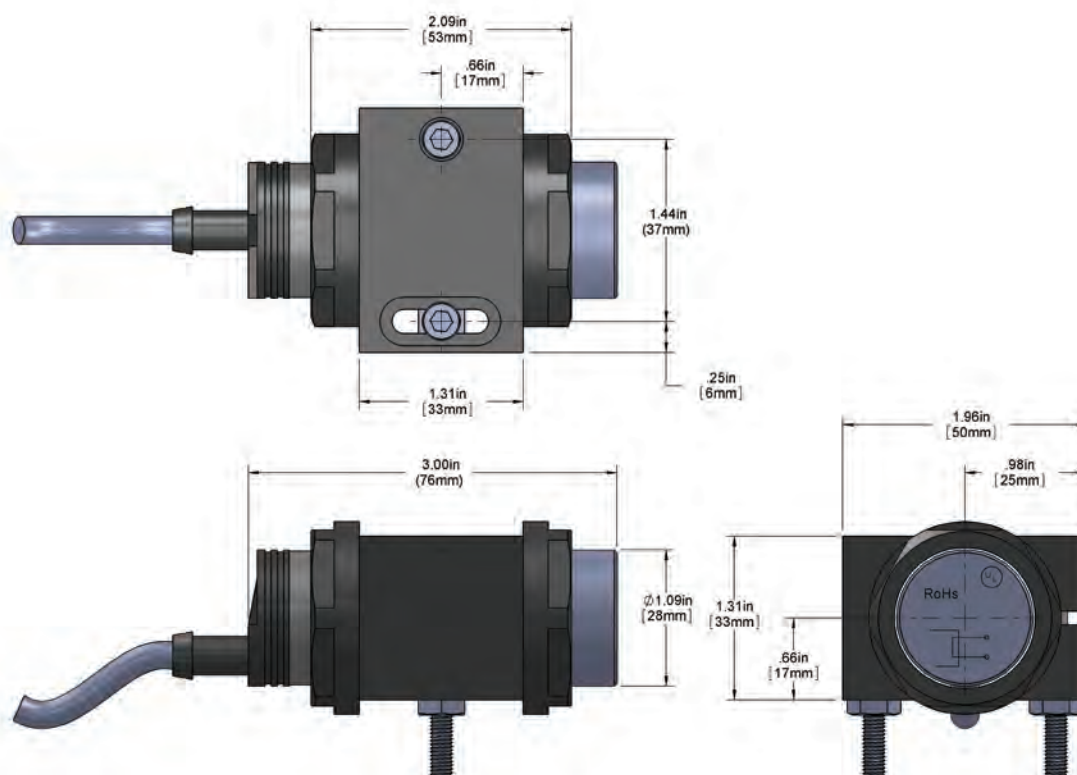
### CAPACITIES:

- Field selectable normally open or normally closed. 500 mA switch capacity (10mA minimum).
- Operates on any voltage between 90 and 265 VAC, 45 to 65 Hz.
- 0°F (-18°C) to 176°F (80°C) ambient temperature range.
- Single phase only.

### OPTIONS AVAILABLE (consult factory):

- ESPV models available with heavy wall immersion tubes in: CPVC, PVDF, PTFE, and quartz.
- Longer 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.
- High temperature versions for temperatures up to 350°F (180°C).

## 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.

