



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					

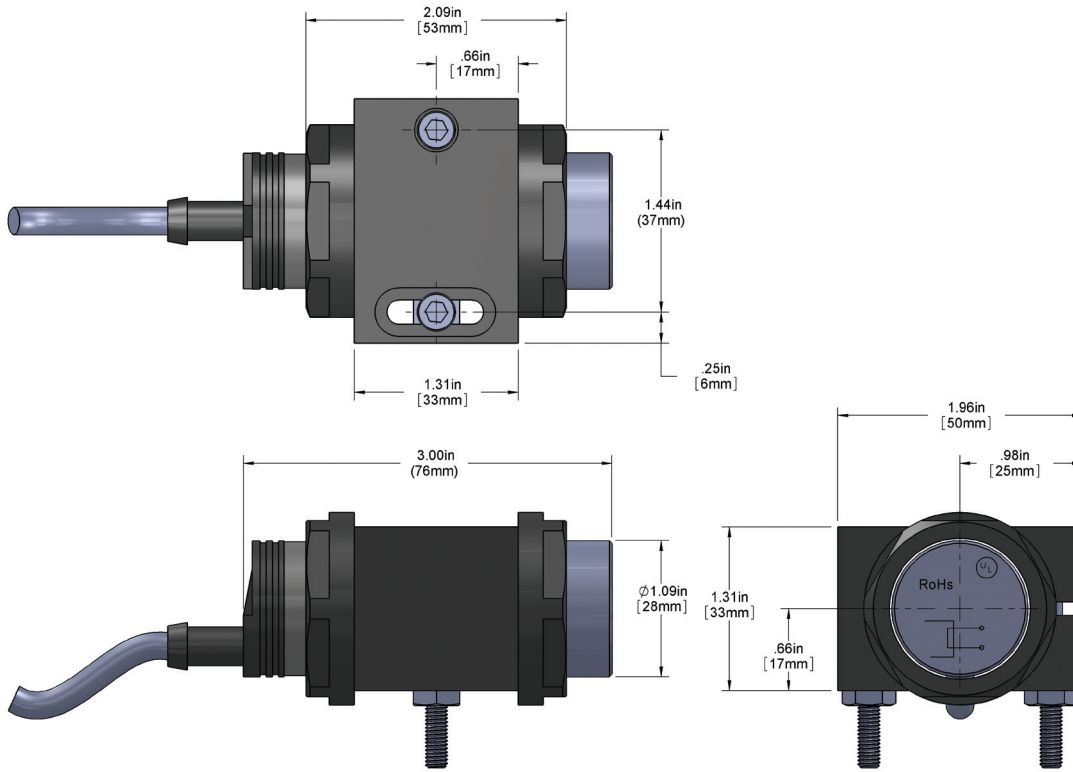
Monitors liquid level from outside of plastic or non-metallic tanks.



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.

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.

**PROCESS
TECHNOLOGY**