

Liquid Level Control

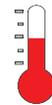
Capacitive Liquid Level Control

Automated control, consistent liquid levels, leak detection in most conductive processes

For use in most aqueous processes and waste treatment tanks

Adds protection against fires and tank damage associated with low-level conditions

Threaded wells for through tank wall applications



Up to 350°F (180°C)



cULus, CE and CSA



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

Monitors liquid level from outside of plastic or non-metallic tanks. Securely mount ESP directly against the plastic tank wall (maximum of 1" [25mm] thick).

PROCESS TECHNOLOGY

ISO 9001:2015
WITH DESIGN CERTIFIED

Features & Values

- 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
- Mounts on the outside of plastic tanks and senses up, so no direct immersion is required
- ESPV model: for direct immersion applications
- 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
- 0°F (-18°C) to 176°F (80°C) ambient temperature range
- Single phase only

Specifications

Temperature Range Up to 350°F (180°C)

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

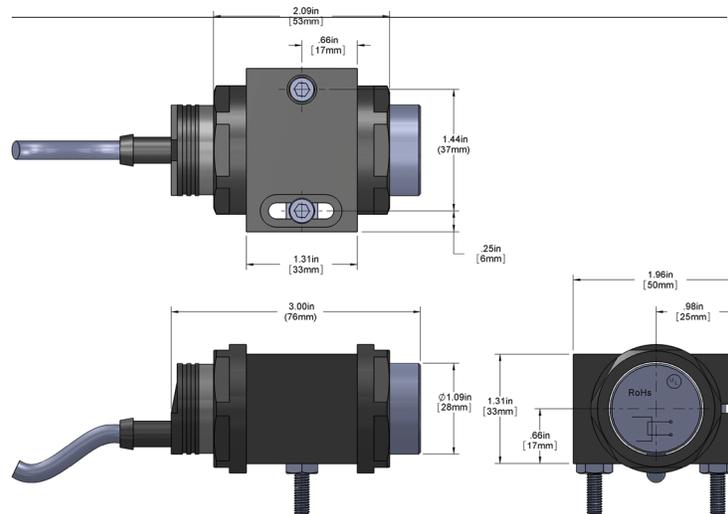
Options

- 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

Certifications

cULus, CE and CSA

Dimensions



Model Number Breakdown

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

**PROCESS
TECHNOLOGY**