

Series EP1226

The EP1226 solid state, non-contact level sensor monitors liquid level in a variety of applications. Encapsulated in a low profile enclosure, the electronic mass sensor is configured to work either in conjunction with the Tecmark® EP1217 / EP1227 timers or as a stand-alone device. Designed for use with non-metallic containers. The sensor mounts via double sided adhesive backed foam tape to the “dry” side of the container.

Use with EP1217 / EP1227 timers: The level sensor interfaces with the motor timer, via an optional three-pin header located on the timer to facilitate easy electrical connection. The level sensor will inhibit actuation of the timer’s load relay until a pre-selected fluid level has been attained. If fluid level drops below the sensor actuation point during normal operation of the timer, the load relay will immediately de-energize to prohibit potential equipment or liquid spray damage. The timer will remain de-energized until the proper fluid level is restored and the PCB mounted air switch is actuated again.

Stand Alone System: Powering a relay coil the sensor provides a logic signal to energize the relay when sufficient liquid level is sensed, or de-energize the relay if liquid level is insufficient.

TYPICAL APPLICATIONS:

Series EP1226 Electronic Liquid Level Sensors monitor level in a variety of applications including whirlpool bathtubs residential and commercial applications, spas, swimming pools, tanks and wells.

BASIC CONSTRUCTION:

- Sealed in a low profile enclosure
- Conformal coated and open circuit boards available
- Wire leads stripped and retained ends (red, black and green)
- UL approved, CSA and CE certified

AVAILABLE FEATURES:

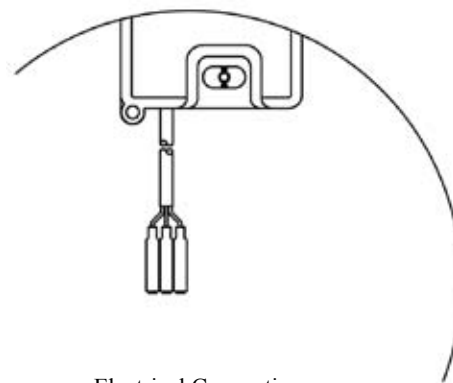
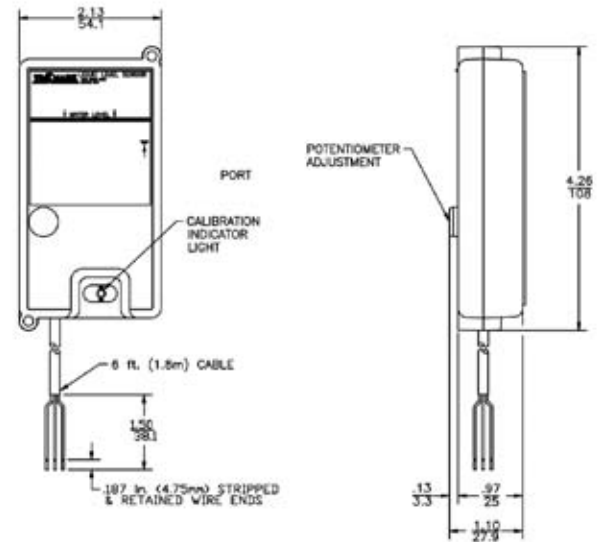
- May be used with Tecmark’s EP1217 / EP1227 Motor Mount Timer via optional three-pin header on timer
- Individual model configured for use with relay
- Easy mounting with double sided adhesive backed foam tape
- Can be field calibrated to compensate for variance in container material thickness

RATINGS AND SPECIFICATIONS:

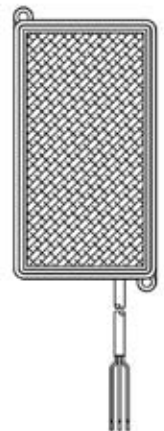
- Power input: EP1226-1 powered by EP1217 / EP1227 (timer), EP1226-2 power input 9 to 30 VDC, 200 mA min
- Output: 9 to 30 VDC (nominal 100 Ma max @ 12 VDC)
- Operating temperature 0° to 158°F (-17° to 70°C)

DESIGN FLEXIBILITY:

Tecmark’s manufacturing philosophy is unique. In an effort to provide you with a product that is most suited to your application, the Series EP1226 Electronic Level Sensors incorporate many interchangeable components for the ultimate in design flexibility. This means a product tailored to your needs without the high price and long lead times associated with custom manufacturing. If you have a need and don’t see the features you require, please ask us!



Electrical Connections

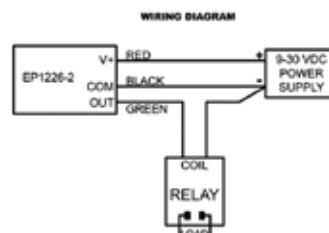


Double Sided Adhesive Backed Foam Tape for Mounting

WIRING TABLE 2	
WIRE COLOR	LOCATION
RED	V+
BLACK	COM
GREEN	OUT

WIRING TABLE 1	
WIRE COLOR	PIN ON EP1217-X
RED	R
BLACK	B
GREEN	G

Wiring with Tecmark Timer



Stand Alone with Relay