



## Eco-Float

### Description

The Eco-Float, ( G style), is a mercury-free level switch for controlling liquid levels in a variety of applications. A snap action switch is activated by a ball rolling back and forth within a switching tube. The entire assembly is enclosed in a plastic float housing. There is a minimum differential between  $\phi_{on}$  and  $\phi_{off}$  of approximately 3.5 inches. Greater differentials can be achieved when the pipe mounted, (GP), or externally weighted, (GSE), versions are used. Various cable lengths, mounting styles, and circuit configurations are available and in stock.

### Features

- Mercury Free
- Variety of Mounting Styles
- Variety of Circuit Configurations
- Replaces Mercury Float and Diaphragm Switches
- Differential Between  $\phi_{on}$  and  $\phi_{off}$

### Applications

The Eco-Float can be used in a variety of liquid level monitoring applications, including lift stations, sumps, sewage ejectors, septic tanks, vaults, and tanks. Eco-Floats are ruggedly constructed of corrosion resistant material, which enable them to be used in a variety of different liquids. Some applications are subject to additional requirements described in the National Electric Code.

### Specifications

**Cable**  $\phi$  .18-2 or 18-3 SJOW 90° C. 41 x #34 copper .29D- 18-2; .31D- 18-3  
**Housing & Clamp**  $\phi$  ..Polypropylene 3+x 4.25+  
**Electrical Rating**  $\phi$  .Standard 7A@ 120Vac; 3A @ 230Vac Std.  
 Eco-Float **Gold** Rating - .1A@ 120Vac (use **with** intrinsically safe circuits; and very low energy circuits)  
**Temp Limit**  $\phi$  ..60° C. (water)

## Ordering Information:

### Specify

Model Series **G**  
 Mounting Style **SE** Suspended, External weight  
**SI** Susoended, Internal weight  
**P** Pipe mounted  
**W** Wire mounted

Cable Length **10, 15, 20, 30, 40, 50, 60** Ft.  
 Custom lengths available.

\*Circuit configurations **NO** Normally open (SPST)  
**NC** Normally closed (SPST)  
**NONC** Normally open/closed

\*For intrinsically safe applications use **NONC-Gold**.

### Example:

**GS120NO**

Eco-Float Suspended, Internally weighted, 20 ft. of cable, Normally open contacts.