

# DELTA ENVIRONMENTAL<sup>®</sup>

## Level Float Switch

### Float Switch - Control Duty

Narrow angle float switch.

### General

Designed for accurate liquid level control in many applications including sewage environments. The float switch can be utilized to signify specific water levels or for direct alarm actuation.

### Switch Variations

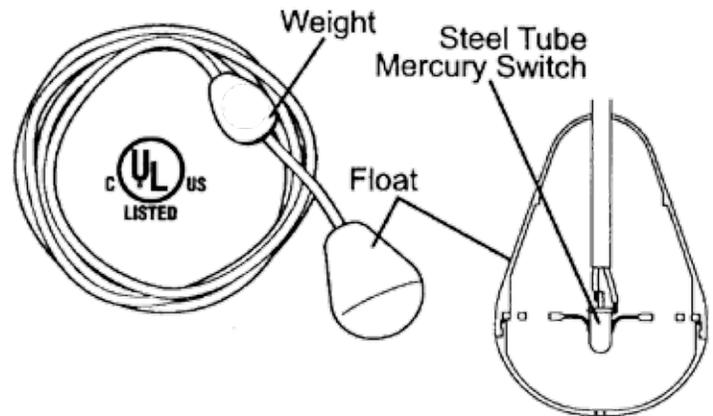
Normally Open (N/O) SMNO - 10', 20', 25', 30' cord lengths. The contacts are open (or off) in the hanging position. As the float rises 1" (5°) above horizontal, the contacts become closed and actuate (turn on) the switch. This float is generally used in pump down applications

Normally Closed (N/C) SMNC - 25' cord length. The contacts are closed (or on) in the hanging position. As the float rises 1" (5°) above horizontal, the contacts become open and actuate (turn off) the switch. This float is generally used in pump up applications.

Single Pole, Double Throw SPDT - A variation of the previously listed switches. This float switch can be wired to operate as either a normally open or normally closed (not both) switch based on the user's need.

### Float Specifications

Durable polypropylene material construction. Solid polyurethane foam interior. Leak-proof, shock proof, and impact resistant. Resistant to sewage and wastewater applications. For use with intrinsically safe circuits.



#### Switch Specifications

The float switch is designed to operate under the following parameters:

Minimum operating temperature	32°F
Maximum operating temperature	170°F
Electrical rating	10 A-120vac; 3 A-240vac
Actuation point	1" above/below horizontal

#### Power Cord Specifications

Conductor cord - physical	Chlorinated polyethylene
Electrical for N/O or N/C	18 awg 2, type SJOOW, 300V
Electrical for SPDT switch	18 awg 3, type SJOOW, 300V

### Cord Weight

Zinc plated cast iron (1.22 lbs.). Split weight design allows for easy adjustment. Design allows for secure and permanent attachment to cord.



8263 FLORIDA BLVD., DENHAM SPRINGS, LA 70727, 225-665-6162, 1 (800) 219-9183 | WWW.DELTAENVIRONMENTAL.COM

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