



Non-Mercury Level Float Switch

FLOAT SWITCH – CONTROL DUTY

Non-Mercury Series – 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)

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)

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 (not both) a normally open or normally closed 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.

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.

SWITCH SPECIFICATIONS

The non-mercury float switches are designed to operate under the following parameters:

Minimum operating temperature	32°F
Maximum operating temperature	190°F
Electrical rating	10 A–120 vac, 5 A–240 vac
Actuation point	1" above / below horizontal

POWER CORD SPECIFICATIONS

Conductor cord – physical	chlorinated polyethylene
Electrical for N/O or N/C	16 awg 2, type SJOW, 300 V
Electrical for SPDT switch	16 awg 3, type SJOW, 300 V

