

SENSOR FLOAT® MINI Control Switch

Mercury-activated, narrow-angle float switch designed to activate pump control panels and alarms.

This narrow-angle sensing device is used to accurately monitor liquid levels in confined sewage and non-potable water applications. The Sensor Float® Mini control switch is not sensitive to rotation.

Normally Open Model (high level)

The control switch turns on (closes) when the float tips slightly **above** horizontal signaling a high level, and turns off (opens) when the float drops slightly below horizontal.

Normally Closed Model (low level)

The control switch turns on (closes) when the float tips slightly **below** horizontal signaling a low level, and turns off (opens) when the float tips slightly above horizontal.



FEATURES

- Designed for use in confined spaces.
- Not sensitive to rotation.
- Control differential of 1 cm (.5 inches) above or below horizontal.
- UL Listed for use in non-potable water and sewage.
- CSA Certified.
- Three-year limited warranty.



OPTIONS

This switch is available:

- for normally open (high level) applications or normally closed (low level) applications.
- in standard cable lengths of 3, 5, 6 or 10 meters and 10, 15, 20, or 30 feet (longer lengths available).
- with two mounting options that allow for flexibility in installation:

Mounting Clamp: for applications where the switch can be attached to a discharge pipe or similar mounting device.

Externally Weighted: for applications where the switch can be suspended from above.

SPECIFICATIONS

CABLE: flexible 18 gauge, 2 conductor (UL, CSA) SJOW, water-resistant (CPE) jacket

FLOAT: 7.14 cm diameter x 8.68 cm long (2.81 inch x 3.42 inch), high impact, corrosion resistant, PVC housing for use in sewage and water up to 60°C (140°F)

MAXIMUM WATER DEPTH: 9 meters (30 feet), 90 kPa (13 psi)

MERCURY TILT SWITCH: single pole, single throw, mercury-to-metal contacts, hermetically sealed in a steel capsule and epoxy sealed in the float housing

ELECTRICAL: 120/230 VAC, 50/60 Hz, 5 amps

NOTE: This switch is not recommended for controlling:

- electric loads less than 100 milliamps, 12 VAC
- non-arcing electric loads



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