

Medium Angle - 45 Degree Differential Float Switch

UNIMAX™ MEDIUM - Control Switch

Leading Edge Design



1. Environmentally Safe

- ▶ Patented mechanical switching mechanism eliminates the use of hazardous mercury.

2. High Integrity Design

- ▶ 45 degree angle control switch for applications such as solenoid control, pond fill or any application where it's desired to have more than 10 degree differential found on a standard switch.
- ▶ Heavy duty 18 gauge rubber cable.
- ▶ PVC float housing is high impact and corrosion resistant.
- ▶ Unique shape makes the Unimax™ universal for all control switch applications.

3. Accurate

- ▶ 45 degree differential provides precise liquid level monitoring.



Features

Patented Mechanical Design

Mechanically activated snap action contacts

45 Degree Differential

Superior small differential control

PVC Float Housing

Excellent corrosion resistant and withstands high impacts

Heavy Duty Cable

Extra flexible 18 gauge, 2 conductor cable

Omni-Directional

Not sensitive to rotation or turbulence

UL Listed / 3-Year Warranty

Guaranteed safety and performance

Applications

Normally Open (High Level)

The control switch turns on (closes) when the float tilts 5 degrees **above** horizontal, signaling a high level and turns off (opens) when the float drops 40 degrees **below** horizontal.

Normally Closed (Low Level)

The control switch turns on (closes) when the float drops 40 degrees **below** horizontal, signaling a low level and turns off (opens) when the float tilts 5 degrees **above** horizontal.

- ▶ Control floats are used to control alarm and control panels.
- ▶ See Figure 1 and Figure 2 on the back of this page for pivot point information and a list of order numbers for pipe clamp or externally weighted models.

Specifications

Electrical

4 amps, 120/230 VAC

Operating Temperature

0-140 F

Float Housing

3.25" diameter x 4.55" length, high impact PVC

Cable

Flexible 18 gauge, 2 conductors, SJOOW (UL, CSA), water resistant, rubber (CPE)

Switching Differential

45 degrees total



Leading Edge Control Products

Alarm Systems

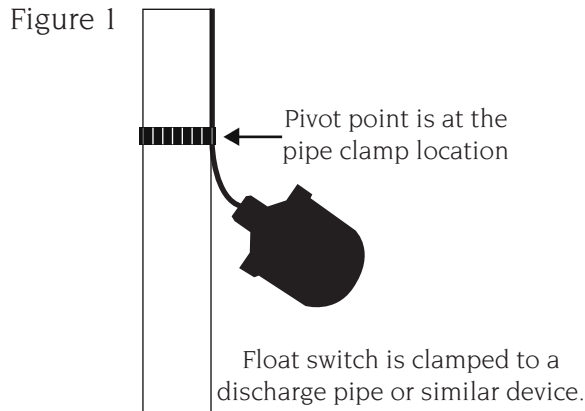
Control Panels

Float Switches

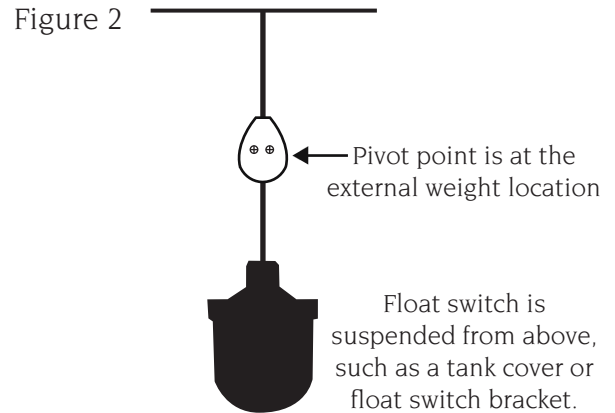
Leak Detection Systems

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Pipe Clamp Models



Externally Weighted Models



Order Numbers

Part Number	Description
7875	15' Unimax™ Medium, Control Float Switch, Normally Open, Pipe Clamp (High Level)
7877	20' Unimax™ Medium, Control Float Switch, Normally Open, Pipe Clamp (High Level)
7879	30' Unimax™ Medium, Control Float Switch, Normally Open, Pipe Clamp (High Level)
7881	15' Unimax™ Medium, Control Float Switch, Normally Closed, Pipe Clamp (Low Level)
7883	20' Unimax™ Medium, Control Float Switch, Normally Closed, Pipe Clamp (Low Level)
7885	30' Unimax™ Medium, Control Float Switch, Normally Closed, Pipe Clamp (Low Level)
7876	15' Unimax™ Medium, Control Float Switch, Normally Open, External Weight (High Level)
7878	20' Unimax™ Medium, Control Float Switch, Normally Open, External Weight (High Level)
7880	30' Unimax™ Medium, Control Float Switch, Normally Open, External Weight (High Level)
7882	15' Unimax™ Medium, Control Float Switch, Normally Closed, External Weight (Low Level)
7884	20' Unimax™ Medium, Control Float Switch, Normally Closed, External Weight (Low Level)
7886	30' Unimax™ Medium, Control Float Switch, Normally Closed, External Weight (Low Level)

For longer cord lengths, please consult factory.



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