

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 is desired to have more than



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10 degree differential found on a standard control 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.

Applications

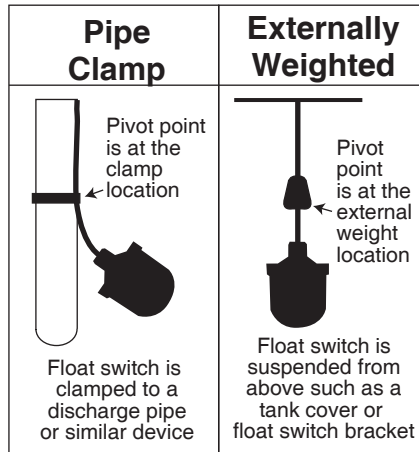
Normally Open (High Level)

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

Normally Closed (Low Level)

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

- ▶ Control floats are used to control alarm and control panels.



Order Numbers

Pipe Clamp Models

Normally Open (High Level)		Normally Closed (Low Level)	
Part Number	Cable Length	Part Number	Cable Length
7875	15 feet	7881	15 feet
7877	20 feet	7883	20 feet
7879	30 feet	7885	30 feet

Externally Weighted Models

Normally Open (High Level)		Normally Closed (Low Level)	
Part Number	Cable Length	Part Number	Cable Length
7876	15 feet	7882	15 feet
7878	20 feet	7884	20 feet
7880	30 feet	7886	30 feet

- ▶ Longer lengths – consult factory.

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

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, SJOW (UL, CSA), water resistant, rubber (CPE)

Switching Differential

45 degrees total

L1031-Rev.A



Leading Edge Control Products

Alarm Systems

Control Panels

Float Switches

Leak Detection Systems