

Narrow Angle Float Switch

UNIMAX™ - Control Switch

Leading Edge Design



1. Environmentally Safe

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

2. High Integrity Design

- ▶ Special made cable utilizes a high number of fine stranded copper wires which makes for an extremely flexible – long life cable.



U.S. Patent No. 5,728,987

- ▶ Heavy duty 16 gauge rubber cable which is superior to competitor's 18 gauge cable.

- ▶ PVC float housing is high impact and corrosion resistant.

- ▶ Unique shape makes the Unimax™ – universal for all control switch applications.

3. Accurate

- ▶ 10 degree differential provides precise liquid level monitoring.

Features

Patented Mechanical Design

Mechanically activated snap action contacts

PVC Float Housing

Excellent corrosion resistant and withstands high impacts

Heavy Duty Cable

Extra flexible 16 gauge, 2 conductor cable

Omni-Directional

Not sensitive to rotation or turbulence

UL Listed / 3-Year Warranty

Guaranteed safety and performance

Applications

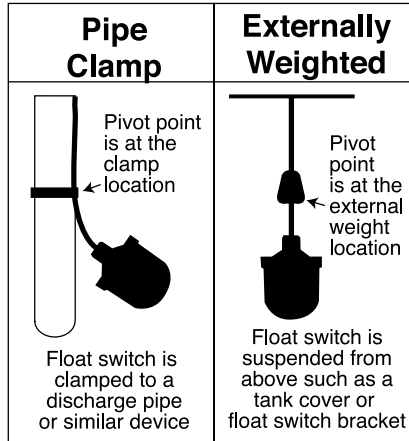
Normally Open (High Level)

The control switch turns on (closes) when the float tilts 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
7005	15 feet	7021	15 feet
7017	20 feet	7022	20 feet
7020	30 feet	7023	30 feet

Externally Weighted Models

Normally Open (High Level)		Normally Closed (Low Level)	
Part Number	Cable Length	Part Number	Cable Length
7024	15 feet	7027	15 feet
7025	20 feet	7028	20 feet
7026	30 feet	7029	30 feet

- ▶ Longer lengths – consult factory.

Specifications

Electrical

5 amps, 120/230 VAC

Operating Temperature

0-140 F

Float Housing

3.25" diameter x 4.55" length, high impact PVC

Cable

Flexible 16 gauge, 2 conductors, SJOW (UL, CSA), water resistant, rubber (CPE)

Switching Differential

10 degrees total



Leading Edge Control Products

Alarm Systems

Control Panels

Float Switches

Leak Detection Systems