

# SJE PUMPMASTER® WPS FLOAT SWITCH

Mechanically-Activated, Wide-Angle Switch for Use in Potable Water Applications

The SJE PumpMaster® WPS mechanically-activated, wide-angle pump switch is designed for direct control of pumps up to 1/2 HP at 120 VAC and 1 HP at 230 VAC or control applications as low as 120 VAC, 100mA for:

- potable water applications
- water applications

It can be wired to work in either pump down (normally open) or pump up (normally closed) applications.

The SJE PumpMaster® WPS float switch is not sensitive to rotation or turbulence allowing it to be used in both calm and turbulent applications.

## FEATURES

- Can be wired to work in either pump down (normally open) or pump up (normally closed) applications (Single Pole, Double Throw)
- Heavy-duty contacts
- Controls pumps up to 1/2 HP at 120 VAC and 1 HP at 230 VAC or control applications as low as 120 VAC, 100 mA
- For direct wiring applications
- Adjustable pumping range of 7 to 36 inches (18 to 91 cm)
- Includes external cable weight and boxed packaging
- CSA Certified to meet NSF/ANSI 61 standard for use in potable water; approved for use in tanks of 250 US gallons (950L) in volume or greater per float



Drinking Water  
NSF/ANSI 61

LR54245

Mechanical



**SJE PUMPMASTER® WPS PUMP SWITCH** - Mechanically activated, wide angle float switch designed for use in potable water applications.

Part #	Description	Shipping Weight
1047427	15PMWPSWE	3.3 lbs.
1053697	30PMWPSWE	5.1 lbs.

**WE** = Weighted Externally

Can be wired to work in either pump down (normally open) or pump up (normally closed) applications (**Single Pole, Double Throw**).

**EXTERNAL WEIGHT** is standard.

**PACKAGING:** Boxed - standard

## SPECIFICATIONS

**CABLE:** Flexible 16 gauge, 3 conductor (UL, CSA) SJOW, water-resistant (CPE)

**FLOAT:** 3.05 inch diameter x 3.56 inch long (7.75 x 9.04 cm) high impact, corrosion resistant, PVC housing for use in potable water and water up to 140°F (60°C)

**ELECTRICAL:** 120/230 VAC 50/60 Hz, 13 FLA, 85 LRA

**NOTE:** This switch must be used with pumps that provide integral thermal overload protection.

**Minimum Electrical Load:** 120 VAC, 100 mA

**NOTE:** This switch is not intended to control non-arcing loads.

## OTHER INFORMATION

**PUMP DOWN** is normally open contacts for emptying applications.

**PUMP UP** is normally closed contacts for filling applications.