

**Models:** PF15SGMSPDTWE, PF20SGMSPDTWE, PF30SGMSPDTWE, PF50SGMSPDTWE, PF15SGMSPDTPC, PF20SGMSPDTPC, PF30SGMSPDTPC, PF50SGMSPDTPC, PF15SGMNO, PF20SGMNO, PF30SGMNO

**Features:**

This mechanically-activated, narrow angle control switch is designed to activate pump control panels and alarms. This control switch is used to accurately monitor liquid levels in potable water, water and sewage applications. These pump switches can be wired in either normally open or normally closed applications and are not sensitive to rotation or turbulence allowing it to be used in both calm and turbulent applications

**Note:** These switches are not recommended for controlling; electric loads less the 100 milliamps, 12 VAC or non-arcing electric loads.

- **CABLE:** Flexible 18 gauge, 2 conductor (UL, CSA) SJOW, water-resistant (CPE).
- **FLOAT:** 2.74" OD x 4.83" long high impact, corrosion resistant, polypropylene housing for use in sewage and non-potable water up to 140°F
- **ELECTRICAL:** 5 amp, 125/250 VAC, 60Hz
- **CONTROL DIFFERENTIAL:** 1.5 inches above or below horizontal
- **MAXIMUM WATER DEPTH:** 30 feet or 13 psi
- Mechanically-activated, snap action contacts
- Passed NSF Standard 61 protocol by an approved Water Quality Association Laboratory
- UL Listed for use in water and sewage
- CSA Certified



**SGMSPDT, 5 Amps  
Mechanical  
Narrow-Angle  
Control Switch**

Part No	Description	Weight
PF15SGMSPDTWE	15 ft, SPDT Control Switch w/ Weight	1.61 lbs
PF20SGMSPDTWE	20 ft, SPDT Control Switch w/ Weight	2.01 lbs
PF30SGMSPDTWE	30 ft, SPDT Control Switch w/ Weight	2.82 lbs
PF50SGMSPDTWE	50 ft, SPDT Control Switch w/ Weight	4.44 lbs
<b>Clamp Models</b>		
PF15SGMSPDTPC	15 ft, SPDT Control Switch w/Clamp	1.61 lbs
PF20SGMSPDTPC	20 ft, SPDT Control Switch w/Clamp	2.01 lbs
PF30SGMSPDTPC	30 ft, SPDT Control Switch w/Clamp	2.82 lbs
PF50SGMSPDTPC	50 ft, SPDT Control Switch w/Clamp	4.44 lbs



WE = Weighted Externally  
PC = Pipe Clamp

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

Part No	Description	Weight
PF15SGMNO	15 ft, Control Switch	1.37 lbs
PF20SGMNO	20 ft, Control Switch	1.69 lbs
PF30SGMNO	30 ft, Control Switch	2.34 lbs
PF50SGMNO	50 ft, Control Switch	3.64 lbs

**Accessories - Level Controls - Narrow Angle - SGMSPDT & SGMNO**