The SJE SignalMaster® SPDT control switch is designed to accurately monitor liquid levels and activate pump control panels and alarms in:

- water applications
- sewage application

The SJE SignalMaster® SPDT control switch can be wired to work in either normally open or normally closed applications. It is not sensitive to rotation.

When wired as Normally Open (high level)
The control switch turns on (closes) when the switch tips slightly above horizontal signaling a high level, and turns off (opens) when the switch drops slightly below horizontal.

When wired as Normally Closed (low level)
The control switch turns on (closes) when the switch drops slightly below horizontal signaling a low level, and turns off (opens) when the switch tips slightly above horizontal.

**FEATURES**

- Can be wired to work in either normally open or normally closed applications (Single Pole, Double Throw)
- Mechanically-activated, snap action contacts
- High impact, corrosion resistant, polypropylene float housing
- Not sensitive to rotation
- Control differential of 1.5 inches (4 cm) above or below horizontal
- Green colored cap for easy identification of SPDT control switch

**OPTIONS**

This switch is available:

- in standard cable lengths of 10, 15, 20, or 30 feet and 3, 5, 6, or 10 meters (longer lengths available)
- with two mounting options that allow for flexibility in installation:
  - Mounting Clamp: for applications where the switch can be attached to a discharge pipe or similar mounting device
  - Externally Weighted: for applications where the switch can be suspended from above

UL Listed for Water & Sewage

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PC = Pipe Clamp  WE = Weighted Externally

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

NOTE: Descriptions are grouped by cable length measured in feet (10, 15, 20, 30).

PACKAGING: Bagged - Standard

ADDITIONAL CABLE: Longer cable lengths available.

SPECIFICATIONS

CABLE: flexible 18 gauge, 3 conductor (UL) SJOW, water-resistant (CPE)

FLOAT: 2.74 inch diameter x 4.83 inch long (7 cm x 12.3 cm), high impact, corrosion resistant polypropylene for use in sewage and water up to 140°F (60°C)

MAXIMUM WATER DEPTH: 30 feet (9 meters), 13 psi

ELECTRICAL: 5 amp, 125/250 VAC, 50/60 Hz

This switch is not recommended for controlling:

• electric loads less than 100 milliamps, 12 VAC
• non-arcing electric loads

OTHER INFORMATION

NORMALLY OPEN (HIGH LEVEL) OPERATION
The control switch closes (turns on) when the float tips slightly above horizontal signaling a high level, and opens (turns off) when the float drops slightly below horizontal in water or sewage applications.

NORMALLY CLOSED (LOW LEVEL) OPERATION
The control switch closes (turns on) when the float drops slightly below horizontal signaling a low level, and opens (turns off) when the float tips slightly above horizontal in water or sewage applications.