Mechanically-activated, narrow-angle float switch designed to activate pump control panels and alarms.

This narrow-angle sensing device is used to accurately monitor liquid levels in:
- water
- sewage applications

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.
- UL Listed for use in water and sewage.
- CSA Certified.
- Five-year limited warranty.

### SPECIFICATIONS

- **CABLE**: flexible 18 gauge, 3 conductor (UL) SJOW, water-resistant (CPE)
- **FLOAT**: 2.74 inch diameter x 4.83 inch long (7.0 x 12.3 cm) high impact, corrosion resistant, polypropylene housing for use in sewage and water up to 140°F (60°C)
- **MAXIMUM WATER DEPTH**: 30 feet (9 meters), 13 PSI (90 kPa)
- **ELECTRICAL**: 5 amp, 125/250 VAC, 50/60 Hz

**NOTE**: This switch is not recommended for controlling:
- electric loads less than 100 milliamps, 12 VAC
- non-arcing electric loads

### OPTIONS

This switch is available:
- CE certified switch available upon request
- 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.
SJE SIGNALMASTER® SPDT Control Switch

Mechanically-activated, narrow-angle float switch designed to activate pump control panels and alarms.

ORDERING INFORMATION

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<th>Normally Open or Normally Closed</th>
<th>List Price</th>
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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.

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

OPTIONS

PACKAGING
Bagged - standard
Boxed - optional
Bulk - optional

ADDITIONAL CABLE
Longer cable lengths available. Please call for details.

SPECIFICATIONS

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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.

Call or fax your order!
1-888-DIAL-SJE (1-888-342-5753) • Fax 218-847-4617