



## SJE MegaMaster™ Control Float

■ Mechanically-activated, narrow-angle designed for Municipal application

### FEATURES

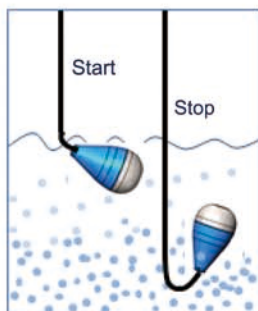
- Internally weighted mechanical control switch designed for municipal sewage water and application
- Large twin wall tear drop shape design offers increased buoyancy.
- Unique gold cross-point contacts provide precision and reliable control signals.
- Excellent solution for applications with high grease content.
- Common applications include lift stations, non-potable water, PLC and low current signal applications.



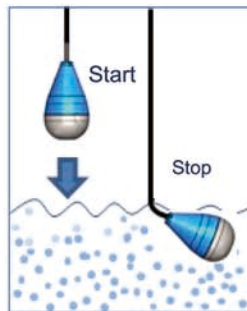
### SPECIFICATIONS

- Max. Electrical Load : 1A 125VAC; 1A 250VAC
- Min. Electrical Load : 1mA 4VDC
- Acting angle : 10°
- Protection class : IP68, 2bar
- Working temperature : 0~60°C
- Housing : Polypropylene (PP)
- Float weight : Approx 0.9 kg
- Dimensions : Ø102mm x 168mm
- Cable : H05 RNF 3x0.75m<sup>2</sup>, 18/3 SJOW
- Certification : CE, CSA
- Standard cable length : 5m, 10m, 20m / 25ft, 50ft, 75ft, 100ft
- Cable length can be customized

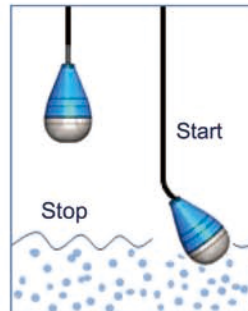
### OPERATING INSTRUCTIONS



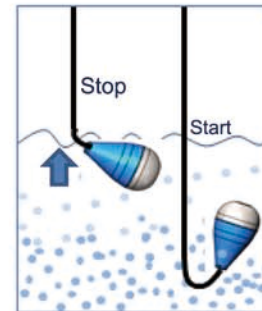
Fluid to be pumped reaches the pre-set level, the "Start" control switch tips over and start draining.



The pump draining until the "Stop" control switch is activated.



Fluid to be pumped reaches the pre-set level, the "Start" control switch tips over and start filling.



The pump filling until the "Stop" control switch is activated.

# SJE MICROMASTER® SPDT Pump Switch

Mechanically-activated, wide-angle switch designed for performance and dependability.

This mechanically-activated, wide-angle pump switch provides automatic control of pumps in:

- Water
- Sewage applications

It can be wired to work in either pump down (normally open) or pump up (normally closed) applications. This SJE MicroMaster® SPDT pump 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**).
- Mechanically-activated, snap action contacts.
- High impact, corrosion resistant, polypropylene float housing.
- Adjustable pumping range of 20 to 91 cm (8 to 36 inches).
- UL Recognized for use in water and sewage.
- CSA Certified.



## OPTIONS

This switch is available:

- CE Compliant units available upon request.
- in standard cable lengths of 3, 5, or 10 meters.
- with adjustable mounting clamp or cable weight.



## SPECIFICATIONS

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

**FLOAT:** 7.0 cm diameter x 12.3 cm long (2.74 inch x 4.83 inch), high impact, corrosion resistant, polypropylene housing for use in water up to 60°C (140°F)

**MAXIMUM WATER DEPTH:** 10 meters (33 feet) or 90 kPa (13 psi)

### ELECTRICAL:

#### 125 VAC 50/60 Hz Single Phase:

**Maximum Pump Running Current:**  
10 amps

**Maximum Pump Starting Current:**  
60 amps

#### 250 VAC 50/60 Hz Single Phase:

**Maximum Pump Running Current:**  
10 amps

**Maximum Pump Starting Current:**  
60 amps

**NOTE:** This switch is not recommended for controlling:

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

Switch must be used with pumps that provide integral thermal overload protection.

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