

# SJE MEGAMASTER™ Control Switch

**Mechanically-activated, narrow-angle float switch designed for level control of municipal wastewater pumping stations.**

Mechanically-activated, narrow-angle, internally weighted municipal float switch designed for level control in municipal sewage pumping stations. The internal switching mechanism contains unique gold cross-point contacts, providing precision and reliable control signals up to 1 amp.

The SJE MegaMaster™ 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.

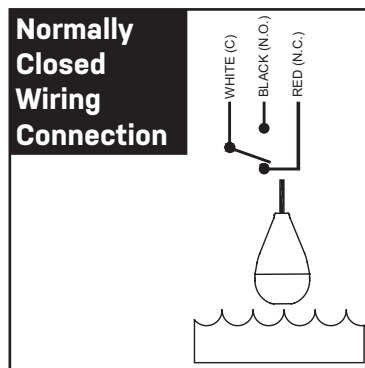
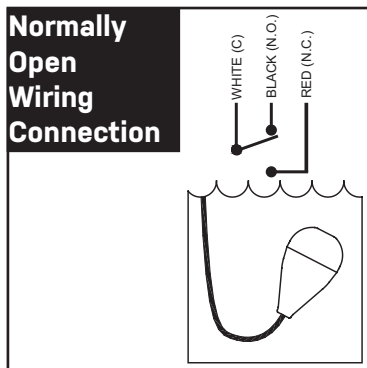
### When wired as Normally Closed (low level)

The control switch turns on (closes) when the switch tips slightly **below** horizontal signaling a low level, and turns off (opens) when the switch tips slightly above horizontal.



## FEATURES

- Internally weighted
- 3 wire cable - SPDT (**S**ingle **P**ole, **D**ouble **T**hrow) can be wired as normally open or normally closed. Wire color: Common (white), N.O. (black), N.C. (red).
- Large twin wall tear drop shape design offers increased buoyancy.
- Two-color housing allows for easy identification of float position.
- Unique gold cross-point contacts provide precision and reliable control signals up to 1 amp.
- Excellent solution for applications with high grease content.
- CSA Certified.
- Five-year limited warranty.



## OPTIONS

**This switch is available:**

- as a CE Certified unit upon request.
- with a float bracket.
- in standard cable lengths of 25, 50, 75, or 100 feet (approximately 7, 15, 22, or 30 meters).

## SPECIFICATIONS

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

**FLOAT:** 4.03 inch diameter x 6.62 inch long (10.2 x 16.8 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:

**Maximum Electrical Load:**

1 amp, 125 VAC

**Minimum Electrical Load:**

1 mA, 4 VDC

California Prop 65 requires the following: WARNING Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

**SEE REVERSE SIDE FOR ORDERING INFORMATION.  
SEE PRICE BOOK FOR LIST PRICE.**



**SJE RHOMBUS.**

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Mechanically-activated, narrow-angle float switch designed for level control of municipal wastewater pumping stations.

## ORDERING INFORMATION

Normally Open or Normally Closed		Shipping Weight
Part#	Description	
1046500	25MGMSPT	3.53 lbs.
1046501	50MGMSPT	5.06 lbs.
1046502	75MGMSPT	6.65 lbs.
1046503	100MGMSPT	8.21 lbs.

Can be wired to work in either pump down (normally open) or pump up (normally closed) applications.  
**SEE PRICE BOOK FOR LIST PRICE.**

## OPTIONS

**PACKAGING**  
Bagged - standard.



Options		Shipping Weight
Part#	Description	
1009432	4 Float Bracket With Mounting Device	2.22 lbs.

## SPECIFICATIONS

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**FLOAT:** 4.03 inch diameter x 6.62 inch long (10.2 x 16.8 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:

**Maximum Electrical Load:**

1 amp, 125 VAC

**Minimum Electrical Load:**

1 mA, 4 VDC

## 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 tips slightly **below** horizontal signaling a low level, and opens (turns off) when the float tips slightly **above** horizontal in water or sewage applications.



**SJE RHOMBUS.**

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*Product offering and pricing are subject to change without notice.  
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