

# 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 (Single Pole, Double Throw) 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.



## 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:

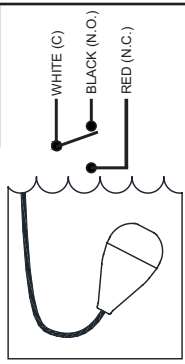
**Maximum Electrical Load:**

1 amp, 125 VAC

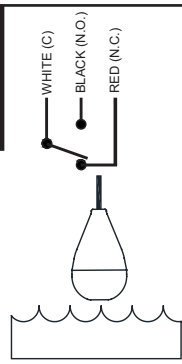
**Minimum Electrical Load:**

1 mA, 4 VDC

### Normally Open Wiring Connection



### Normally Closed Wiring Connection



## 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).

SEE BACKSIDE FOR ORDERING INFORMATION.



**SJE RHOMBUS**

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# SJE MEGAMASTER™ Control Switch

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

## ORDERING INFORMATION

Normally Open or Normally Closed		List Price	Shipping Weight
Part#	Description		
1046500	25MGMSPT	\$64.13	3.53 lbs.
1046501	50MGMSPT	\$81.52	5.06 lbs.
1046502	75MGMSPT	\$104.90	6.65 lbs.
1046503	100MGMSPT	\$129.35	8.21 lbs.

Can be wired to work in either pump down (normally open) or pump up (normally closed) applications.

## OPTIONS

**PACKAGING**  
Bagged - standard.



Options		List Price	Shipping Weight
Part#	Description		
1009432	4 Float Bracket With Mounting Device	\$66.39	2.22 lbs.

## 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

## 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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**Call or fax your order!**

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

*Please visit [www.sjerhombus.com](http://www.sjerhombus.com) for the most current information.*