

# SJE SIGNALMASTER® Control Switch

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:

- potable water
- water
- sewage applications

The SJE SignalMaster® control switch is not sensitive to rotation.

## Normally Open Model (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.

## Normally Closed Model (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

- Passed NSF Standard 61 protocol by an approved Water Quality Association laboratory.
- 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.
- Yellow colored cap for easy identification of normally open control switch.
- White colored cap for easy identification of normally closed control switch.
- UL Listed for use in water and sewage.
- CSA Certified.
- Five-year limited warranty.



MEMBER



## SPECIFICATIONS

**CABLE:** flexible 18 gauge, 2 conductor (UL, CSA) 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 unit available upon request.
- for normally open (high level) applications or normally closed (low level) applications.
- 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 Rhombus®

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SEE BACKSIDE FOR ORDERING INFORMATION.  
SEE PRICE BOOK FOR LIST PRICE.

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## ORDERING INFORMATION

Normally Open		Normally Closed		Shipping Weight
Part #	Description	Part #	Description	
1006042	10SGMPCNO	1006046	10SGMPCNC	1.04 lbs.
1006050	10SGMWENO	1006054	10SGMWENC	2.73 lbs.
1006043	15SGMPCNO	1006047	15SGMPCNC	1.37 lbs.
1006051	15SGMWENO	1006055	15SGMWENC	3.05 lbs.
1006044	20SGMPCNO	1006048	20SGMPCNC	1.69 lbs.
1006052	20SGMWENO	1006056	20SGMWENC	3.30 lbs.
1006045	30SGMPCNO	1006049	30SGMPCNC	2.34 lbs.
1006053	30SGMWENO	1006057	30SGMWENC	4.03 lbs.

PC = Pipe Clamp WE = Weighted Externally NO = Normally Open NC = Normally Closed

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

SEE PRICE BOOK FOR LIST PRICE.

## OPTIONS

**MOUNTING CLAMP** is standard - deduct optional

**PACKAGING**  
**Bagged** - standard.  
**Boxed** - optional  
**Bulk** - optional

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



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**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 potable water, 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 potable water, water or sewage applications.



www.sjrhombus.com

customer.service@sjrhombus.com

**Call or fax your order!**

1-888-DIAL-SJE (1-888-342-5753) / Fax 218-847-4617

Product offering and pricing are subject to change without notice.  
 Please visit [www.sjrhombus.com](http://www.sjrhombus.com) for the most current information.