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:

- 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

- 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.



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.

California Prop 65 requires the following: MWRNING Cancer and Reproductive Harm - www.P65Warnings.ca.gov SEE REVERSE SIDE FOR ORDERING INFORMATION. SEE PRICE BOOK FOR LIST PRICE.

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



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ORDERING INFORMATION

Normally Open	Normally Closed			Shipping
Part #	Description	Part #	Description	Weight
1006042	10SGMPCN0	1006046	10SGMPCNC	1.04 lbs.
1006050	10SGMWENO	1006054	10SGMWENC	2.13 lbs.
		-		
1006043	15SGMPCNO	1006047	15SGMPCNC	1.37 lbs.
1006051	15SGMWENO	1006055	15SGMWENC	2.45 lbs.
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1006044	20SGMPCN0	1006048	20SGMPCNC	1.69 lbs.
1006052	20SGMWEN0	1006056	20SGMWENC	2.70 lbs.
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1006045	30SGMPCN0	1006049	30SGMPCNC	2.34 lbs.
1006053	30SGMWEN0	1006057	30SGMWENC	3.43 lbs.

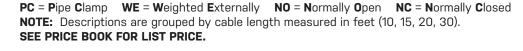
OPTIONS

PACKAGING Bagged - standard. Boxed - optional Bulk - optional

ADDITIONAL CABLE Longer cable lengths

available. Please call for details.

UL Listed for Water & Sewage







SPECIFICATIONS

CABLE: flexible 18 gauge, 2 conductor (UL) SJOW, water-resistant (CPE)

FLOAT: 2.74 inch diameter x 4.83 inch long (7 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 tips slightly **below** horizontal signaling a low level, and opens (turns off) when the float tips slightly **above** horizontal in water or sewage applications.



www.sjerhombus.com customer.service@sjeinc.com

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