

# SJE MEGAMASTER® (CSA) CONTROL FLOAT

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

The SJE MegaMaster® mechanically-activated, internally weighted control float is designed for municipal water and sewage applications, including applications with high grease content. The internal switching mechanism has gold cross-point contacts for reliable control of current up to 1 amp. The unique two-color float housing offers easy identification of float position. Common applications include lift stations, non-potable water, PLC (programmable logic controllers) and intrinsically safe applications.



## When wired as Normally (high level)

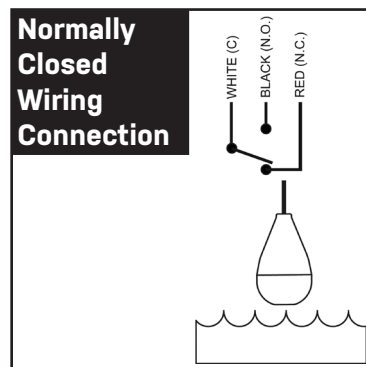
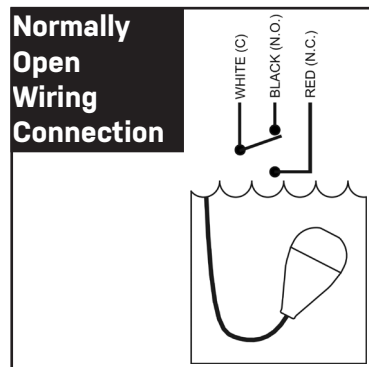
The control float turns on (closes) when the float tips slightly **above** horizontal signaling a high level, and turns off (opens) when the float drops slightly below horizontal.

## When wired as Normally Closed (low level)

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

## SPECIFICATIONS

- Mechanically-activated, internally weighted
- Maximum Electric Load: 1 amp, 125 VAC  
Minimum Electric Load: 1mA, 4 VDC
- 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).
- Cable: 18 gauge, 3 conductor, SJOW
- Activation angle is 10° above/below horizontal
- Flexible SJOW, water-resistant (CPE) jacket
- High impact, corrosion resistant, polypropylene float housing
- Temperature rating up to 60oC (140oF)
- Maximum water depth of 9 meters (30 feet) or 90 kPa (13 PSI)
- Float dimensions: 10.2 cm diameter x 16.85 cm long (4.03 x 6.62 inch)
- CE Certified units available upon request **CE**



**SJE RHOMBUS®**

Phone: +1 218 847 1317  
email: [customer.service@sjeinc.com](mailto:customer.service@sjeinc.com)

**SEE BACK SIDE FOR COMPLETE LISTING OF AVAILABLE OPTIONS.**

**[www.sjrhombus.com](http://www.sjrhombus.com) E.5**

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

## ORDERING INFORMATION

SJE MEGAMASTER® Control Float			
PART NUMBER Normally Open or Normally Closed	DESCRIPTION		SHIPPING WEIGHT
	Cable Length	Mounting Device	
1046500	7.62 Meters	Internal Weight	1.60 kg
1046501	15.24 Meters	Internal Weight	2.30 kg
1046502	22.86 Meters	Internal Weight	3.02 kg
1046503	30.48 Meters	Internal Weight	3.72 kg

Options		
PART NUMBER	DESCRIPTION	SHIPPING WEIGHT
1009432	4 Float Bracket with Mounting Device	1.01 kg

**Normally Open (High Level) Operation** - The float switch closes (turns on) when the switch tips slightly **above** horizontal signaling a high level, and opens (turns off) when the float switch drops slightly **below** horizontal in water or sewage applications.

**Normally Closed (Low Level) Operation** - The float switch closes (turns on) when the switch drops slightly **below** horizontal signaling a low level, and opens (turns off) when the float switch tips slightly **above** horizontal in water or sewage applications.

**SJE MegaMaster®** float switch has 3 conductors for normally open or normally closed operation.

**SEE INTERNATIONAL PRICE BOOK FOR LIST PRICING.**

## OPTIONS

Bagged Packaging is standard.

CE Certified units available upon request.

