

# SJE MegaMaster® 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.

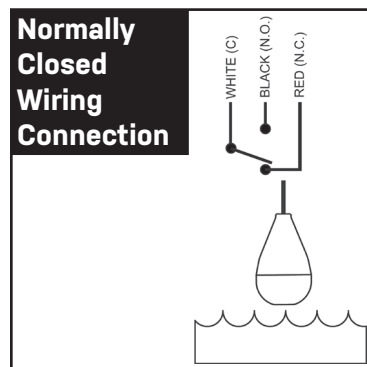
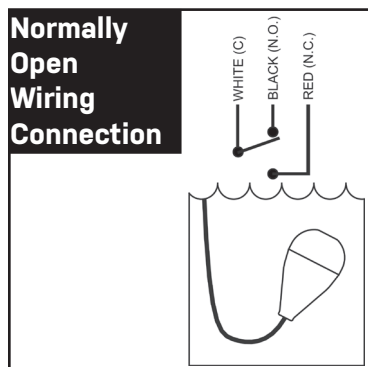
## When wired as Normally Closed (low level)

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.



## GENERAL SPECIFICATIONS

- Mechanically-activated, internally weighted
- Maximum Electric Load: 1 A, 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; or H05 RNF cable
- Activation angle is 10° above/below horizontal
- High impact, corrosion resistant, polypropylene float housing
- Temperature rating up to 60°C (140°F)
- Maximum water depth of 9 m (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, CSA certification



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## ORDERING INFORMATION

SJE MEGAMASTER® Control Float			
PART NUMBER	DESCRIPTION		SHIPPING WEIGHT
	Cable Length	Mounting Device	
1042842Y	5 m	Internal Weight	1.60 kg
1042843Y	10 m	Internal Weight	2.30 kg
1042844Y	20 m	Internal Weight	3.02 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.

## OPTIONS

Bagged Packaging is standard.