

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.

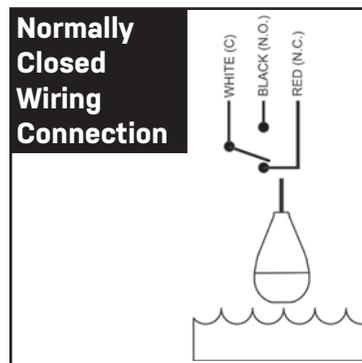
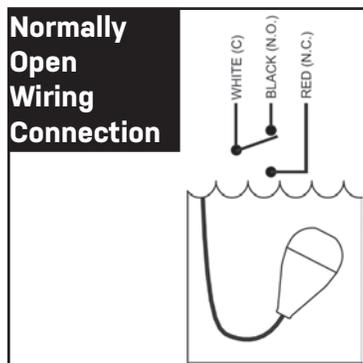
When wired as Normally Closed (low level)

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	
1042842S	5 m	Internal Weight	1.60 kg
1042843S	10 m	Internal Weight	2.30 kg
1042844S	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.