

SJE MicroMaster®, SJE MicroMaster® Plus, SJE MicroMaster® SPDT Pump Floats

Mechanically-activated, wide-angle switch designed for performance and dependability.

These mechanically-activated, wide-angle switches provide automatic control of pumps in:

- Water
- Sewage applications

These pump switches are not sensitive to rotation or turbulence allowing them to be used in both calm and turbulent applications.



GENERAL SPECIFICATIONS

- Flexible SJOW, water-resistant (CPE) cable
- High impact, corrosion resistant, polypropylene float housing
- Temperature rating up to 60° C (140° F)
- Maximum water depth of 9 meters (30 feet) or 90 kPa (13 psi)
- IPX8 enclosure rating
- Float dimensions: 7.0 cm diameter x 12.3 cm long (2.74 inch x 4.83 inch)
- Suitable for Category II installations
- Protected by double insulation
- Adjustable pumping range of 20 to 91 cm (8 to 36 inches)
- UL Recognized, CSA certified. CE units available by request



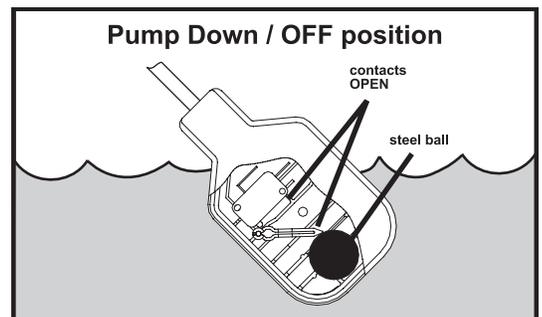
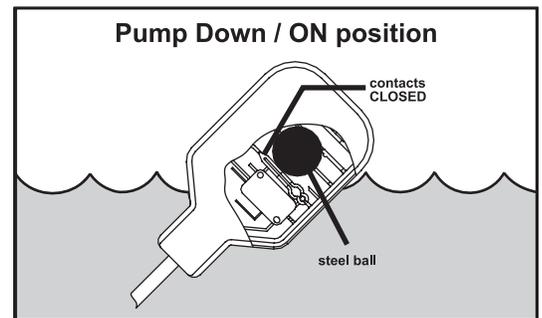
Note: These switches are not recommended for controlling electrical loads less than 100 mA, 12 VAC. Must be used with pumps that provide integral thermal overload protection.

MODEL SPECIFIC SPECIFICATIONS

SJE MICROMASTER® pump float		
Voltage 50 Hz/60 Hz Single Phase	Maximum Pump Running Current	Maximum Pump Starting Current
125/250 VAC	10 amps	60 amps
Cable:	18 gauge, 2 conductor	

SJE MICROMASTER® Plus pump float		
Voltage 50 Hz/60 Hz Single Phase	Maximum Pump Running Current	Maximum Pump Starting Current
125 VAC	13 amps	78 amps
250 VAC	12 amps	72 amps
Cable:	16 gauge, 2 conductor	

SJE MICROMASTER® SPDT pump float		
Voltage 50 Hz/60 Hz Single Phase	Maximum Pump Running Current	Maximum Pump Starting Current
125/250 VAC	10 amps	60 amps
Cable:	18 gauge, 3 conductor	
Can be wired to operate in either pump down (normally open) or pump up (normally closed) applications. Single Pole, Double Throw		



Pump Floats



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ORDERING INFORMATION

SJE MICROMASTER® Pump Float				
PART NUMBER		DESCRIPTION		SHIPPING WEIGHT
Pump Down	Pump Up	Cable Length	Mounting Device	
1005903	1005902	3 m	Mounting Clamp	0.48 kg
1006671	1006672	3 m	Cable Weight	1.31 kg
1005905	1005904	5 m	Mounting Clamp	0.68 kg
1006673	1006674	5 m	Cable Weight	1.52 kg
1005907	1005906	6 m	Mounting Clamp	0.79 kg
1006675	1006676	6 m	Cable Weight	1.63 kg
1005909	1005908	10 m	Mounting Clamp	1.21 kg
1006677	1006678	10 m	Cable Weight	2.04 kg
SJE MICROMASTER® PLUS Pump Float				
PART NUMBER		DESCRIPTION		SHIPPING WEIGHT
Pump Down	Pump Up	Cable Length	Mounting Device	
1008176	1008179	3 m	Mounting Clamp	0.49 kg
1008177	1008180	3 m	Cable Weight	1.32 kg
1008182	1008185	5 m	Mounting Clamp	0.69 kg
1008183	1008186	5 m	Cable Weight	1.53 kg
1008188	1008191	6 m	Mounting Clamp	0.80 kg
1008189	1008192	6 m	Cable Weight	1.64 kg
1008194	1008197	10 m	Mounting Clamp	1.22 kg
1008195	1008198	10 m	Cable Weight	2.05 kg
SJE MICROMASTER® SPDT Pump Float				
PART NUMBER		DESCRIPTION		SHIPPING WEIGHT
Normally Open or Normally Closed		Cable Length	Mounting Device	
1005914		3 m	Mounting Clamp	0.57 kg
1005915		3 m	Cable Weight	1.33 kg
1005916		5 m	Mounting Clamp	0.70 kg
1005917		5 m	Cable Weight	1.55 kg
1005918		6 m	Mounting Clamp	0.81 kg
1005919		6 m	Cable Weight	1.67 kg
1005920		10 m	Mounting Clamp	1.22 kg
1005921		10 m	Cable Weight	2.06 kg

Pump Down is normally open contacts for emptying. **Pump Up** is normally closed contacts for filling.

SJE MicroMaster® SPDT pump switch has 3 conductors for pump down and pump up operation.

SEE INTERNATIONAL PRICE BOOK FOR LIST PRICING.

OPTIONS

Bagged Packaging is standard.

Piggy-Back Plug - North American standard plug. Options are available for SJE MicroMaster® and SJE MicroMaster® Plus pump switches.

Please contact the factory.



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