

# 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.



## 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)



**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.

A Pump Switch is designed for Horsepower (HP) rated loads and is not suitable for control (pilot duty) applications. It will fail prematurely when switching loads less than 1 Amp at 120 VAC. Select a float switch from our Control Switch offering for control applications.

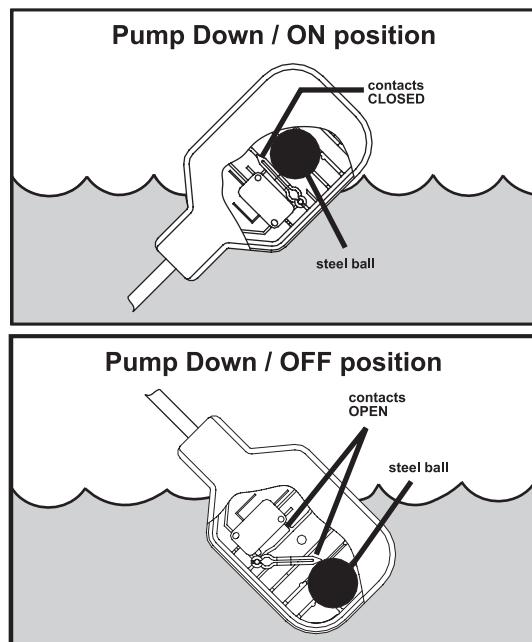
## MODEL SPECIFIC SPECIFICATIONS

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
125/250 VAC	13/12 amps	72/78 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**



# SJE MICROMASTER®. SJE MICROMASTER® PLUS. SJE MICROMASTER® SPDT PUMP FLOATS

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

## ORDERING INFORMATION

### SJE MICROMASTER® Pump Float

PART NUMBER		DESCRIPTION		SHIPPING WEIGHT
Pump Down	Pump Up	Cable Length	Mounting Device	
1005903	1005902	3 Meters	Mounting Clamp	0.48 kg
1006671	1006672	3 Meters	Cable Weight	1.31 kg
1005905	1005904	5 Meters	Mounting Clamp	0.68 kg
1006673	1006674	5 Meters	Cable Weight	1.52 kg
1005907	1005906	6 Meters	Mounting Clamp	0.79 kg
1006675	1006676	6 Meters	Cable Weight	1.63 kg
1005909	1005908	10 Meters	Mounting Clamp	1.21 kg
1006677	1006678	10 Meters	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 Meters	Mounting Clamp	0.49 kg
1008177	1008180	3 Meters	Cable Weight	1.32 kg
1008182	1008185	5 Meters	Mounting Clamp	0.69 kg
1008183	1008186	5 Meters	Cable Weight	1.53 kg
1008188	1008191	6 Meters	Mounting Clamp	0.80 kg
1008189	1008192	6 Meters	Cable Weight	1.64 kg
1008194	1008197	10 Meters	Mounting Clamp	1.22 kg
1008195	1008198	10 Meters	Cable Weight	2.05 kg

### SJE MICROMASTER® SPDT Pump Float

PART NUMBER Normally Open or Normally Closed	DESCRIPTION		SHIPPING WEIGHT
	Cable Length	Mounting Device	
1005914	3 Meters	Mounting Clamp	0.57 kg
1005915	3 Meters	Cable Weight	1.33 kg
1005916	5 Meters	Mounting Clamp	0.70 kg
1005917	5 Meters	Cable Weight	1.55 kg
1005918	6 Meters	Mounting Clamp	0.81 kg
1005919	6 Meters	Cable Weight	1.67 kg
1005920	10 Meters	Mounting Clamp	1.22 kg
1005921	10 Meters	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.



**SJE RHOMBUS**®

[www.sjerhombus.com](http://www.sjerhombus.com)

[customer.service@sjeinc.com](mailto:customer.service@sjeinc.com)

9500192H 09/21

© 2018 SJE, Inc. All Rights Reserved.  
SJE RHOMBUS is a trademark of SJE, Inc.