

# SJE-Rhombus®



ISO 9001:2000 Certified

## QUEST™ FLOAT SWITCH

The best pump switches technology of SJE-Rhombus®

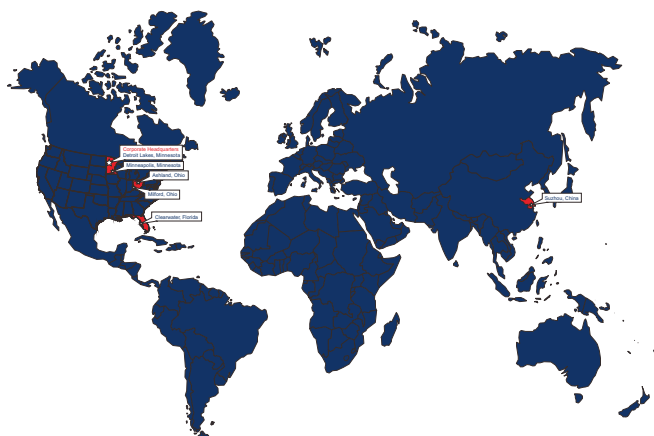
### About SJE-Rhombus®



Since 1975, **SJE-Rhombus®** has grown into one of the most trusted names in the water, wastewater and embedded control industries by bringing you products that offer reliability and performance that you can depend on.

**SJE-Rhombus®** offers a wide variety of control products for residential, commercial, municipal, and industrial markets. From control panels utilizing embedded circuit board technology, to complete control/monitoring systems designed and built to individual specifications.

**SJE-Rhombus®** represents the most reliable integration of engineering and manufacturing in the industry.



New product designs endure extensive in-house and field testing before submittal to recognized independent laboratories for safety testing and approval. This commitment to quality ensures you a dependable, trouble-free product. **SJE-Rhombus®** offers a quality warranty on all standard catalog products.

**SJE-Rhombus®** corporate headquarters are located in Detroit Lakes, Minnesota, USA. In addition to the Suzhou, China manufacturing facility, **SJE-Rhombus®** has multiple locations in the United States, including Minneapolis, Minnesota; Milford, Ohio; Ashland, Ohio; and Clearwater, Florida (see map left).

In January 2007, **SJE-Rhombus®** opened a new manufacturing facility in the Suzhou Industrial Park, China. **SJE-Rhombus®** (Suzhou) Co., Ltd. is well equipped to service pump manufacturers and distributors in Asia and across the world. With a longstanding reputation for producing products of the highest quality, **SJE-Rhombus®** recently earned ISO 9001:2000 certification for the Suzhou facility to ensure manufacturing processes exceed the strictest quality control requirements.



# SJE-Rhombus® Float Switch – Quest™

## FEATURES

1. CE Certificated.
2. In 3-wire SPDT version, normally open for pump down and normally closed for pump up.
3. Non-toxic, corrosion resistant, polypropylene float housing.
4. Includes an innovative one-piece cable weight for mounting; no clip to lose.
5. Mechanically-activated, snap action contact, wide-angle pump switch designed for preference and dependability.
6. Waterproof Epoxy Treatment. The float switch cable is fortified by Epoxy resin to strengthen its waterproof capability. This reinforcement can effectively prevent water and moisture ingress in the float switch through the cable and will substantially extend the life expectancy of the float switch.

## SPECIFICATION

### Cable:

Flexible rubber cable H07RN-F, 1mm<sup>2</sup>  
3 conductors.  
Cable length optional: 3M, 5M, 10M, others

### Float:

Non-toxic, corrosion resistant polypropylene housing for use up to 55°C (131°F)

### Electrical:

**Type Of Load R-M = Resistance-Motor Load**

**250 VAC Rated Voltage**

**Maximum Pump Running Current:**

10(8) amps

**Frequency:**

50/60 Hz

**Micro Disconnect:**

Automatic Life Cycles: 50,000 times

### Protection Rating:

IP68

**Note:** This switch is not recommended for controlling:

- Electric loads less than 100 milliamps, 12VAC
- Non-arcing electric loads

**Switch must be used with pumps that provide integral thermal overload protection.**

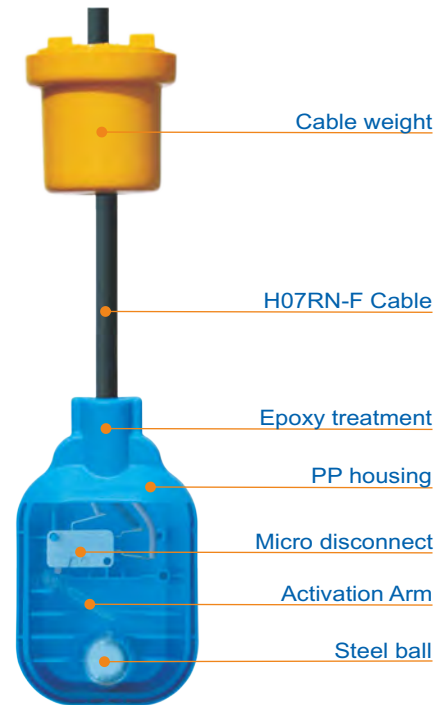
## ORDERING INFORMATION

Model	Model Description	Cable*Length	Weight (kg)
QT3	3(M)QSTSPDT	H07RNF*3m	0.82
QT5	5(M)QSTSPDT	H07RNF*5m	0.95
QT10	10(M)QSTSPDT	H07RNF*10m	1.53

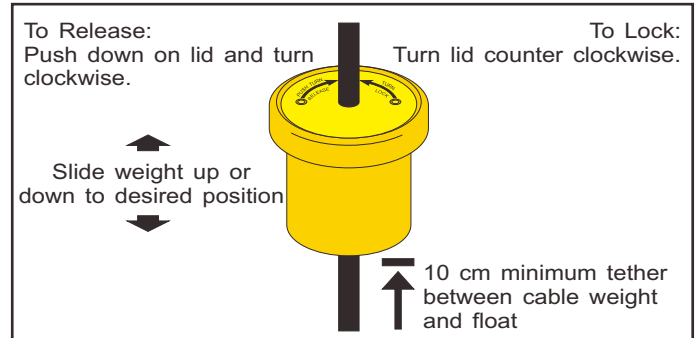
▶ SPDT = Single Pole, Double Throw

▶ Cable Weight is standard

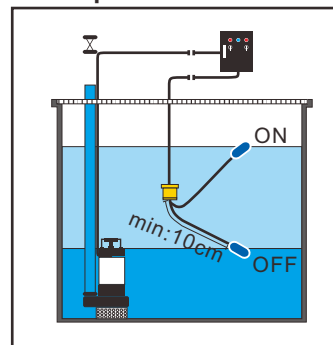
## SECTIONAL DRAWING



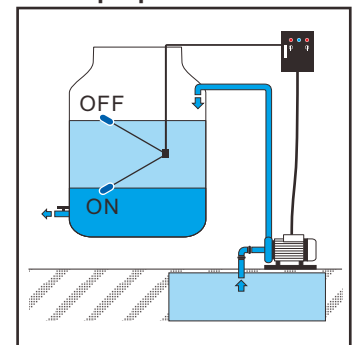
### ▶ Cable Weight Usage



### ▶ Pump Down



### ▶ Pump Up



Distributor :