



QUEST[®] PUMP SWITCH



ISO9001 : 2015 Certified



Epoxy Waterproof Technology



Residential



Commercial



Agriculture



Municipal



Industrial



Professional manufacturer of pump float switches, tank alarms, and pump controllers from the U.S.A



SJE-Rhombus[®], headquartered in Detroit Lakes, Minnesota, USA, has been recognized for its liquid-level control products since 1975.

Operating under ISO 9001 certification, SJE-Rhombus[®] also holds UL, cUL, CSA, TÜV, and CE certifications. SJE-Rhombus[®] continually ensures it meets customers' rigorous demands, providing control solution to serve the residential, commercial, municipal, industrial, and wastewater treatment markets.

The exceptional product quality and superior customer service have earned us the trust and support of clients worldwide.

Suzhou, China



Headquarters: Detroit Lakes, Minnesota



Features

- Quest® by CE and TUV Certificated.
- 2 wire version without ground plate, normally open for pump down and normally closed for pump up.
- 3 wire SPDT version, normally open for pump down and normally closed for pump up.
- Includes an innovative one-piece cable weight for mounting; no clip to lose.
- Mechanically-activated, snap action contact, wide-angle pump switch designed for preference and dependability.
- **Epoxy Waterproof Technology** : The float switch cable is treated with epoxy resin to enhance its waterproof capacity. This feature also prevents water and moisture from entering the float switch, control panel, and pump, providing a safer and longer product life.

Specification

- Cable : Flexible rubber cable H07RN-F, 1mm² 2 or 3 conductors.
- Float/Cable Weight :
Non-toxic, corrosion resistant polypropylene housing.
- Electrical : Type Of Load R-M = Resistance-Motor Load
24~250 VAC Rated Voltage.
Maximum Pump Running Current : 10(8) amps
Frequency : 50/60Hz
Micro Disconnect : Automatic Life Cycles: 50,000 times
Protection Rating : IP68

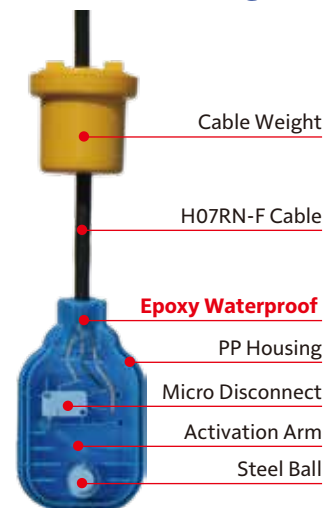
Application

- This equipment is rated to 50°C, approved for use in non-potable water.
- Mild alkaline and mild acidity sewage water.

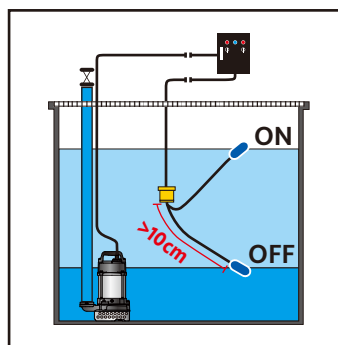
Ordering Information

Model	Description	Wire	Cable*Length	kg
QTH072C-3	3(M)QSTD(2-wire)	2	H07RN-F*3m	0.75
QTH072C-5	5(M)QSTD(2-wire)	2	H07RN-F*5m	0.85
QTH073C-3	3(M)QSTSPDT	3	H07RN-F*3m	0.82
QTH073C-5	5(M)QSTSPDT	3	H07RN-F*5m	0.95
QTH073C-10	10(M)QSTSPDT	3	H07RN-F*10m	1.53

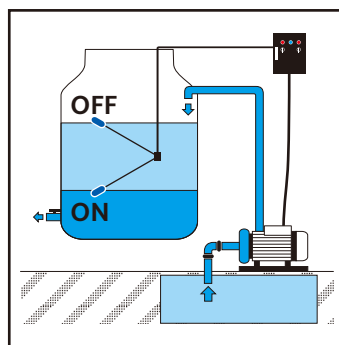
Sectional Drawing



Pump Down/Dewatering (2-wire, 3-wire)



Pump Up/Supply Water (3-wire)

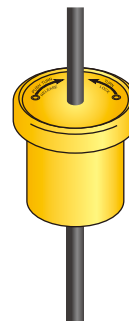


Cable weight instruction

To Release :
Push down on lid and turn clockwise.



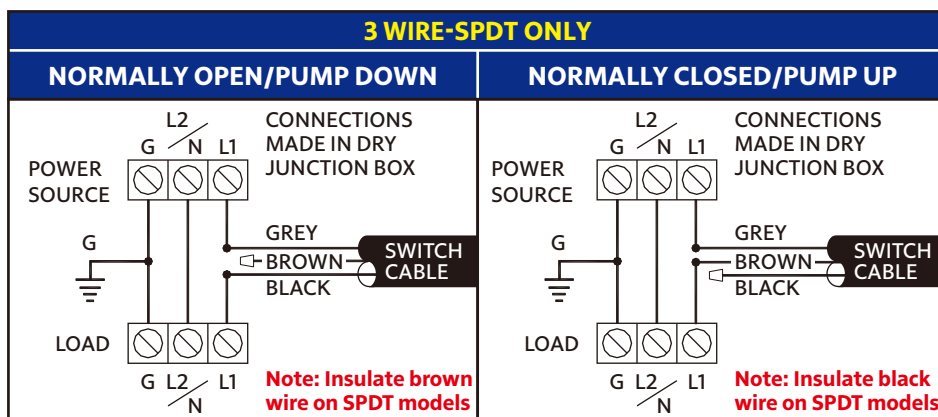
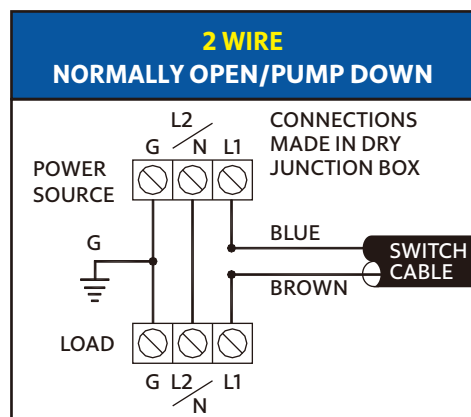
Note : Directly connect the cable to control panel, prevent using connector, if necessary, do not submerge the connector.



To Lock :
Turn lid counter clockwise.

Slide weight up or down to desired position

10 cm minimum tether between cable weight and float



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