

Square 6M Float Switch For Industry Pump Tank Sensor



Specification

Rated voltage: 250V (380V)

Rated current: 5A (3A)

Operating temperature: 0°C~ 65°C

Protection grade: IP68

Mechanical life: $\geq 100,000$ times

Electrical life: $\geq 50,000$ times

Scope of application: load pump with AC contactor use

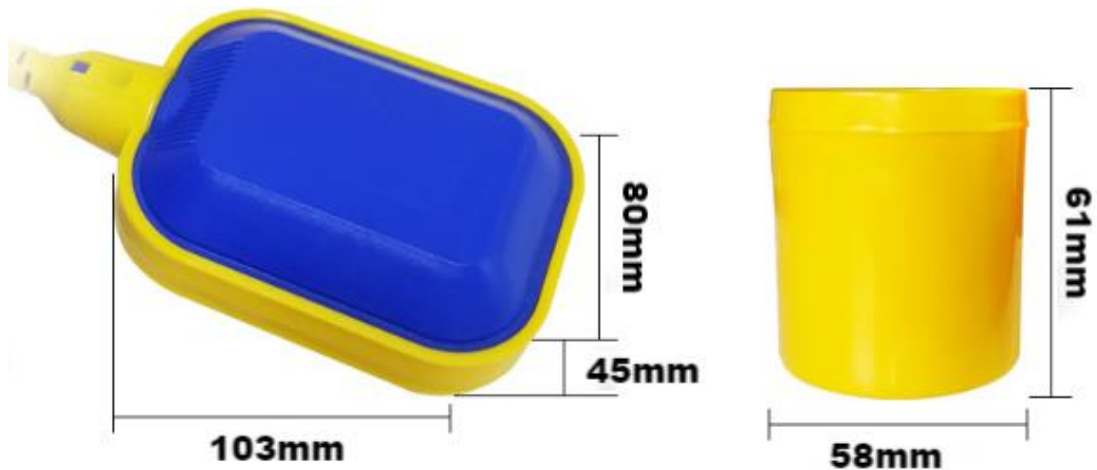
Cable Specifications:

Cable length: 6 meters

Single wire diameter: 2.5mm

Total wire diameter: 8mm

Dimension Drawing



Product Features

PP polypropylene ball, safe and harmless material

One-piece injection molding, with high and low temperature resistance

Lack of protection, to protect the pump to prevent dry burning

Upper and lower joint control, upper and lower pool control at the same time

Composite silver contacts, more responsive

Suitable for frequent motor startup, longer life

Thickened waterproof cable, more flexible and durable

Thickened protective cover, effectively protect the core from damage in harsh environments.

Weighted locking design, fixed cable wiring

Fixed cable more stable, safe and convenient to use

High purity purple copper coil, thickened copper wire design

Installation method for weights

1, the float switch cable from the center of the hammer under the convex round hole into, gently push the hammer, so that embedded in the picture hole above the plastic ring due to the cable head of the thrust and fall off. (If necessary, you can also use a screwdriver to remove this plastic ring,) and then the shedding of the plastic ring on the cable you want to fix the hammer to set the plastic ring to set the position of the liquid level. (See Figure 1 below)

2, gently push the heavy line hammer to pull out the cable, know the center of the hammer buckle plastic ring. As long as the weight of the hammer lightly buckle in the plastic ring that will not slip, the plastic ring, if damaged or lost, can be used with the diameter of bare copper wire buckle into the cable instead. (See Figure 2 below)

3, in use, and then a copper wire or something else, the weight is fixed on the cable (upper and lower ends of the card) or container wall to prevent the weight sliding and affect the water level control.

Please pull the cable directly to the control box, and try to avoid the use of intermediate connectors; if you have no choice but to have a connector, never immerse the cable connector in the liquid!

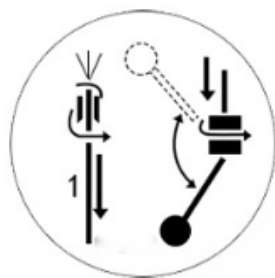


Figure 1

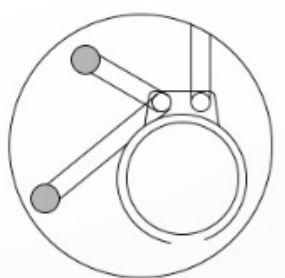


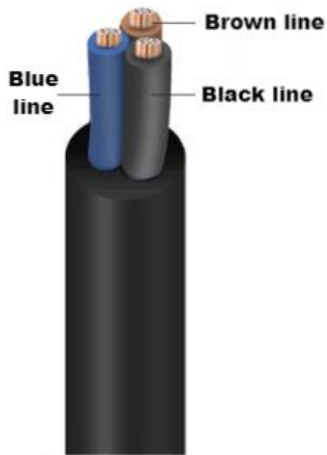
Figure 2

Directions for use

Brown line water supply line

Blue line drainage line

Black line utility line



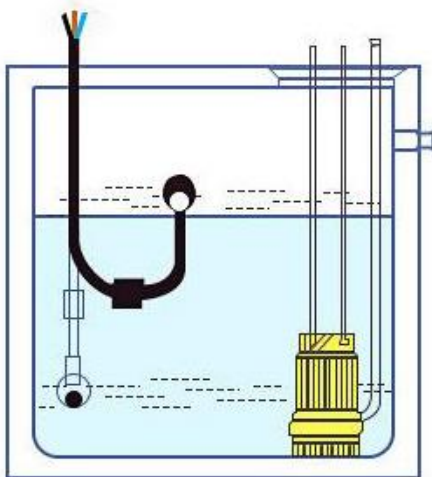
"Blue and black" down through the top is not (water supply)

Float head down, turn on the power blue line - black line pump start, the water level of the tank slowly rising float followed by the floating ball, floating to the head up when the floating ball inside the ball drop, disconnect the power supply, the water pump stops. After using water, the floating ball head down, copper points in turn cycle.

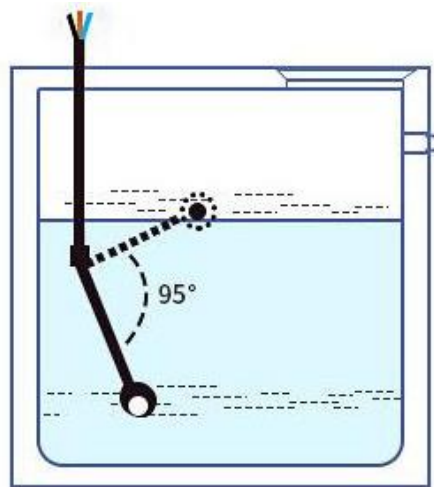
"Brown and black" up through the bottom (drainage)

Float head upwards, energized, motor start, the water level of the tank slowly decline, the float also followed the sinking, down to the head down when the power off, the water pump stops. After the water continues to be injected, the water level rises, the float head up, energized and so on.

Float switch operating status



Float switch conversion angle



Water supply system:

Use "black" and "brown" wires:

Float in the lower water level, the contact is connected state

When the float is in the upper water level, the contact is not connected.

Drainage system:

Use "black" and "brown" wires:

Float in the upper water level, the contact is connected state

When the float is in the lower level, the contact is not connected.