

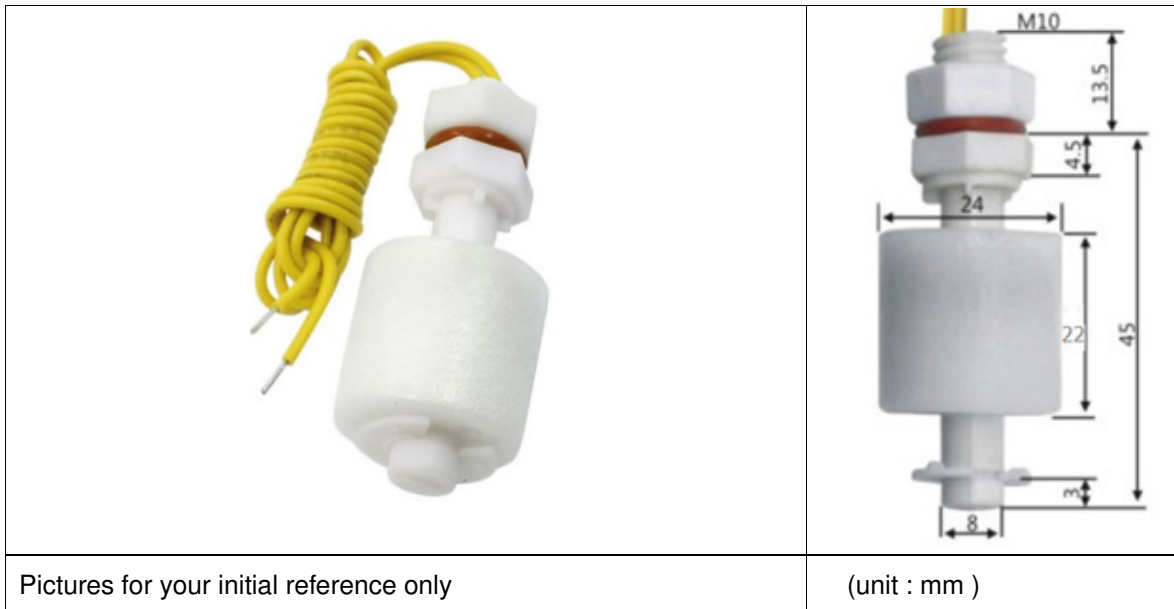
## Tripple Option Trading 211 CC

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## Level Float Switch

--- SIN-PP40 series



### Brief Description:

Float level switch is a simple structure, easy to use level control device, it does not provide power, no complicated circuit, it has a mechanical switch than the average small size, long life and other advantages. As long as the switch is used in the correct application in any liquid, pressure or temperature, whether it is in the shipbuilding industry, generating equipment, petrochemical industry, food industry, water treatment equipment, dyeing and finishing industry, hydraulic machinery, etc.

Principal of operation: The liquid level sensor uses a magnetic reed switch in a non-magnetic tube (Plastic or metal) that is triggered by an integral float that has a magnetic material sealed in the float. It is also possible to install a number of float sensors on a single non-magnetic metal tube or plastic tube to trigger magnetic reed switches at different levels in a tank, using double-loop control.

**Features:**

- A float switch is a device used to sense the level of liquid within a tank.
- The switch may actuate a pump, an indicator, an alarm, or other device.
- Use them with hydroponics, saltwater tank, freshwater tank, gardening, aquariums for power head control, pet bowls, fish tanks, filtration, heating, pumps, ponds, basement alarms, boats, air condition drain pans, pressure washers, carpet cleaning machine, reef aquarium, fluid control, ice machines, coffee pots, marine, automotive, automobiles, tropical fish tanks, evaporator coils, condensation line, in relays, or what-ever your project requires.
- It can easily be converted from normally open to normally close by inverting the float

**Specifications:**

- Max. Contact Rating: 10W
- Max. Switching Voltage:100V DC
- Max. Switching Current: 0.5A
- Max. Breakdown Voltage: 220V DC
- Max. Load Current: 1.0A
- Max. Contact Resistance: 100mΩ
- Temp Rating: -10~+85°C
- Float Body Material: Plastic
- Float Ball Material: P.P
- Max. Pressure: 0.4Mpa
- Body Total Length: 45mm/1.8"
- Cable Length: 36cm/40cm or negotiable

## Installation instructions

Note: vertical installation: Avoid Installation environment where strong magnetic fields are present near the switch, as this will cause interference. Avoid areas where the structure vibrates or the liquid in the tank is turbulent, because the dry reed switch power circuit is low, and this could cause false switching. Please always use relays for switching of pumps etc, as the reed-switch contact rating is very low.

