

Type: ST-75 Cabled Float Switch

Use for automatically liquid level control and alarming in water tank, sewage, liquid tank, and underground water tank.

RADAR Cabled Float Switch uses UL certificated waterproof cables and large reed switches, its internal controlling unit is completely sealed in float. It functions as liquid level up and down, and it would not malfunction by outside litters.

A unique float retainer (sink) is attached, it's easy to install, it can adjust cable's length (between float and sinker) freely to control liquid level.

This float uses triple core cable, and its A, B terminals are used for water supply and drainage.

SPECIFICATIONS:

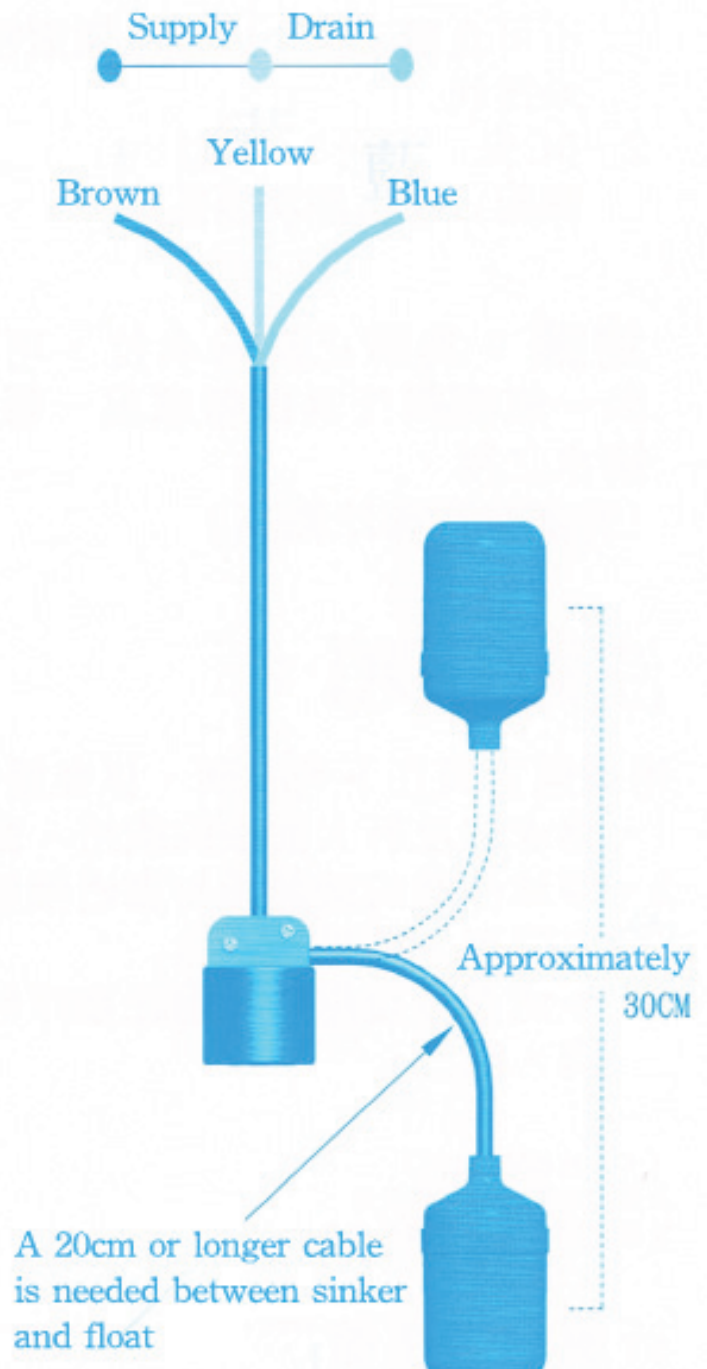
1. AC 110/220V, 0.5A Relay is required;
2. DC 30V, 0.5A
Liquid level controller is required;
3. Temperature: 5~60°C

TERMINAL IDENTITY:

Yellow and brown are for supplying,
Yellow and blue are for draining.

REFERENCE:

The ideal length between retainer (sinker) and float is 20cm or above.



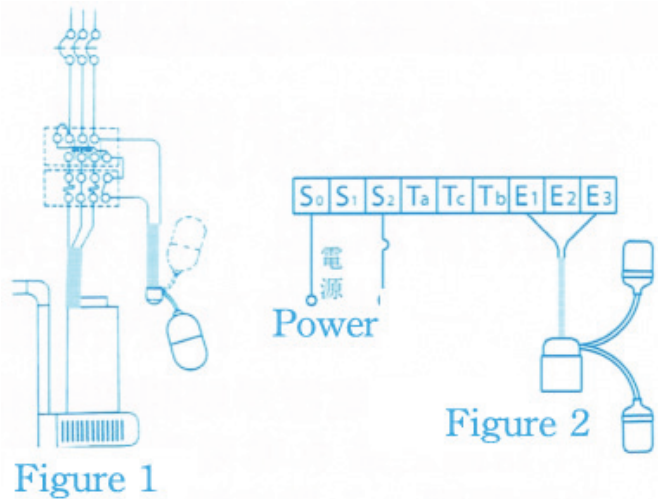
INSTALLATION:

The controller is best installed at the central top of tank. To prevent malfunction, float should keep distance from tank wall if installed at tank side.

The float's control range is based on the distance between float and sinker. To adjust the range, release the screw on sinker as needed.

CONNECTION:

1. AC Connection: as *Fig 1*,
Do not connect directly, a relay is required.
2. DC Connection: as *Fig 2*,
a liquid level controller is required.



SUGGESTION:

To prevent unusual liquid level, another set of switch could be installed as alarm, or use an additional water pump for draining. (Installing position needs to be higher)

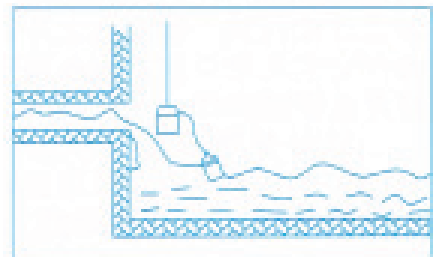


Figure A

CONDITIONS:

Locations below should be avoided to prevent malfunction.

1. Around water entrance or huge wave
Fig.A
2. Pipes or walls should be avoided in float's working range. *Fig.B*
3. Avoid tangled cables when multi applying. *Fig.C*

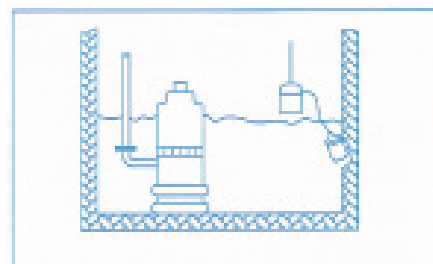


Figure B

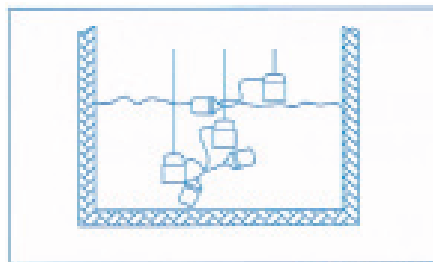


Figure C

[This product's service life is about 2 years]

To ensure water pump works normally, we recommend users renew their products often.

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