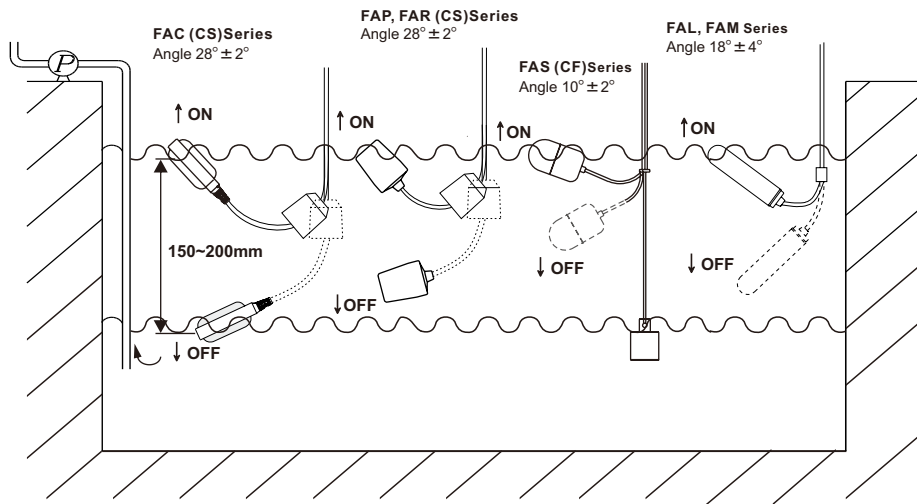


# FAX Cable Float Level Switch Operation Manual

Cable Float Switch is a simple-constructed, easy to use and reliable level instrument. The switch employs Micro Switch, Proximity Switch and Reed Switch as contacts. While the angle of Cable Float Switch is changed (up/down) more than certain degree, the switch will send an ON or OFF signal to serve the function of level instrument. When it comes to measuring the level of liquid for long range, multiple level controls, submerged (or sinking)pump, or granular impurity, the measuring result is outstanding, and switch can serve the general liquid as well. It can be applied to industries like petrochemical, chemical and etc.



## ASSEMBLY GUIDE (FAB-0010)

Dimension (unit:mm)	FAC round type	FAP/FAR/FAD/FAE cup type	FAS metal type	FAJ/FAK/FAL/FAM bar type
Model number	FAC round type	FAP/FAR/FAD/FAE cup type	FAS metal type	FAJ/FAK/FAL/FAM bar type

## CONTACT MODE

### 1. SPST (N.O)

<b>FACA</b> (N.O.) Brown (COM) Blue 	<b>FAPA/FAEA</b> (N.O.) White (COM) Black <b>FARA/FADA</b> (N.O.) Brown (COM) Blue 	<b>FASA</b> (N.O.) Blue (COM) Yellow 	<b>FALA/FAJA</b> (N.O.) White (COM) Black <b>FAMA/FAKA</b> (N.O.) Brown (COM) Blue 
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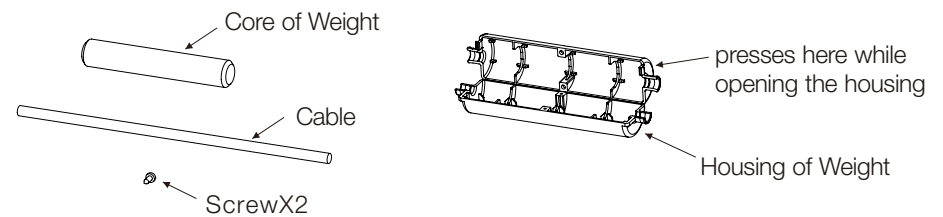
### 2. SPST (N.C)

<b>FACB</b> (N.C.) Yellow (COM) Blue 	<b>FAPB/FAEB</b> (N.C.) Red (COM) Black <b>FARB/FADB</b> (N.C.) Yellow (COM) Blue 	<b>FASB</b> (N.C.) Brown (COM) Yellow 	<b>FALB/FAJB</b> (N.C.) Red (COM) Black <b>FAMB/FAKB</b> (N.C.) Blue (COM) Black 
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### 3. SPDT (1C)

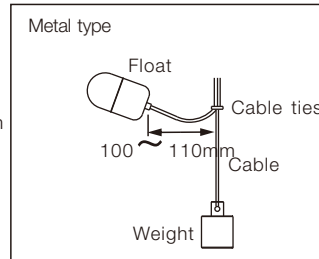
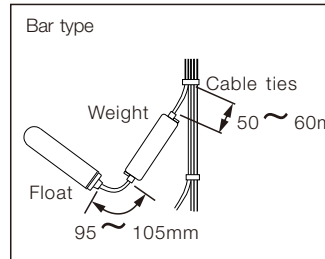
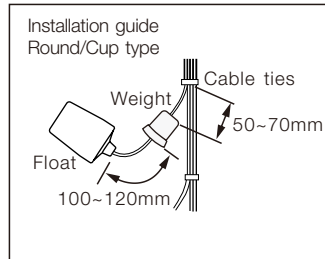
<b>FACC</b> (N.O.) Brown (N.C.) Yellow (COM) Blue 	<b>FAPC/FAEC</b> (N.O.) White (N.C.) Red (COM) Black <b>FARC/FADC</b> (N.O.) Brown (N.C.) Yellow (COM) Blue 	<b>FASC</b> (N.O.) Blue (N.C.) Brown (COM) Yellow 	<b>FALC/FAJC</b> (N.O.) White (N.C.) Red (COM) Black <b>FAMC/FAKC</b> (N.O.) Brown (N.C.) Blue (COM) Black 
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## ASSEMBLY GUIDE (FAB-0010)



- Put the electric cable into the bottom of the groove of the hammer shell at first.
- Arrange Core of Weight on the central place and cover the hammer shell.
- Press in and fasten the tenon and tighten the self-tapping screws (do not over-crack).
- It's allow one time pressed action for the hammer shell, and it could not be disassembled and assembled repeatedly.

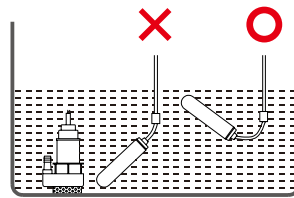
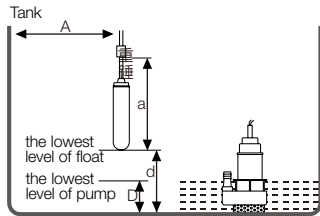
## INSTRUCTIONS



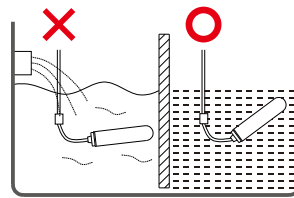
## INSTALLATION GUIDE

The distance from float to tank "A" must be longer than length "a" Otherwise, it is easy to act abnormally.

In order to protect the pump, the lowest level of float, "d", must be higher than the lowest level "D" of pump.



The float should be distant from water pump to prevent being sucked by the water pump.



The installation position should be distant from inlet to prevent the false alarm by water impact. If that cannot be avoided, please install additional devices like pipe or plate to decrease the impact.

## TROUBLE SHOOTING

Trouble	Possible Cause	Solution
When level goes down, switch remains ON °	Cable broken, float got water damaged.	Check cable and float, and replace with new one.
	Water damaged, cable entry didn't face ground position or cable conduit and hosing didn't fix well.	Check and fix cable entry and housing. If found water inside the float, change with new one.
	Overload, contact damage ed.	Follow the switching capacity shown on catalogue to operate.
	Wrong wiring, abnormal function.	Check and fix terminal wiring.
	Terminals stock dust or cable bifurcated and short circuit.	Check terminals and clean dust.
When level goes up, switch remains open circuit(OFF)	Float got stock or twined by particles.	Check float around and remove particles.
	Metal fatigue, internal leads broken.	Check cable and float, and replace with new one °
	Overload, contact burned.	Follow the switching capacity shown on catalogue to operate.
	Wrong wiring, abnormal function.	Check and fix terminal wiring.
	Abnormal power supply or no turn on power supply.	Check and open power supply.
	Float got stock or twined by particles.	Check float around and remove particles.



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