FLOAT TYPE LEVEL SWITCHES

DF-4S-2W

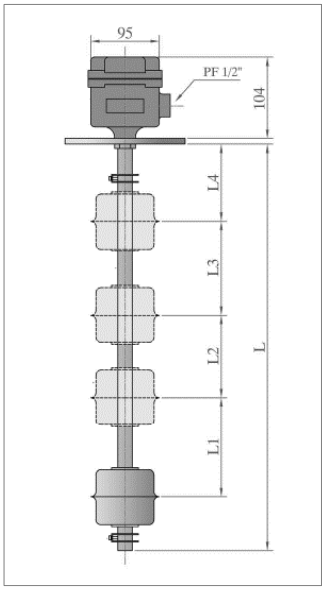
Application

Reed switch in the sensor operates as the float moves up and down in which a permanent magnet installed.
This is a level switch using on/off signal from the relay.
Up to 4-Point and output, and can be manufactured to suit the installation environment.

- This sensor is for indicating liquid level and alarming to control.
- It is easy to install so that generally used.
- 2-wire wiring.

Technical Data

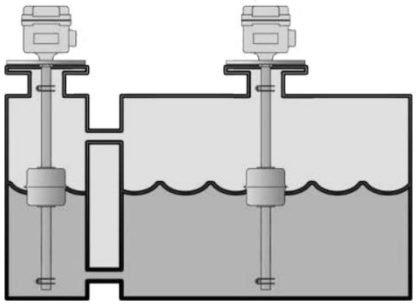
• Media	: Only Liquid
• Input Power	: DC 24V
• Operating Temperature	: -10 ℃ ~ 80℃
• Max. Pressure	: 7 Kgf/㎠
• Signal Output	: Current(mA), Voltage(V), Ohm(Ω)
• Material	: Head - Nylon (Option – ABS)
	: Flange - SUS304 (Option - SUS316)
	: Socket - SUS304 (Option - SUS316)
	: Stem - SUS304 (Option - SUS316)
	: Float - SUS304 (Option - SUS316)
	: Stopper - SUS304 (Option - SUS316)



Cautions

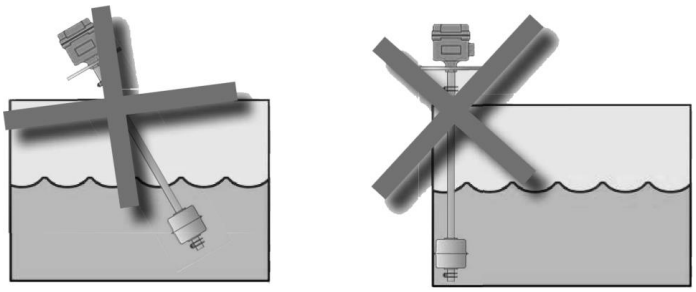
- Check the suiability between sensor specification and where to install.
- Should not adjust the setting of the converter inside sensor.
- Suggest to use a protection pip when suspended solid exist in the tank.
- Should not use for a liquid adhesive.
- Should not alter the location of sensor's Stopper.
- Be cautions not to bend sensor.
- Do not impact on Sensor.

Installation



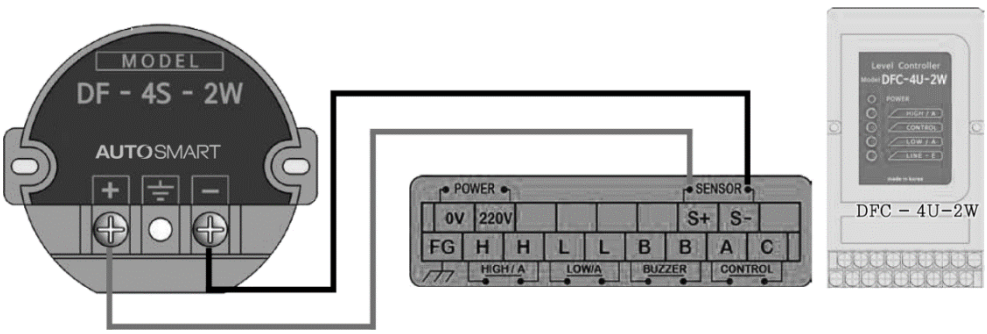
- As shown in the picture, it is installed and using.
- Check if the flanges specification match between Tank and product.
- Insert a float and stem into the tank and make sure that it is installed vertically right.
- Connect wiring between sensor contact terminals and controller.

Installation Caution

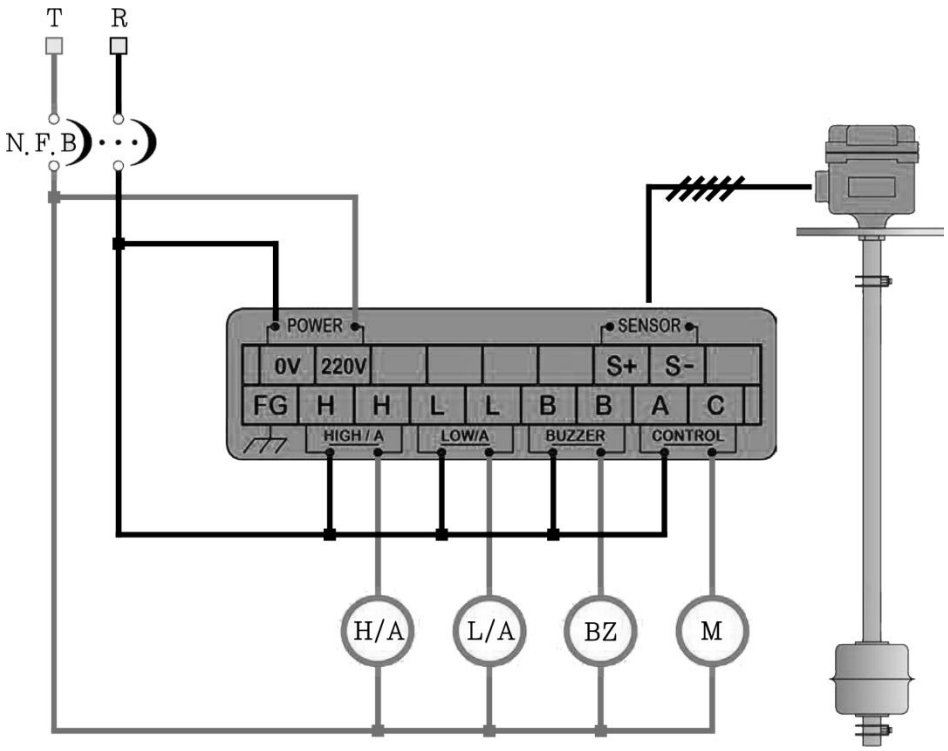


- Install the sensor so that it is perpendicular.
- Float of the sensor does not touch the wall of the tank.

Wiring Diagram



Wiring Diagram



Wiring to a General Operation Control