

SHIVA AMVAJ FLOAT Switch

Device Introduction

Shiva Amvaj Float Switch is a convenient device to automate liquid pumping system for following items :

- 1-Protection for dry running
- 2-controlling Liquid levels



MODEL : MFL - 2M
CODE : 16L1
WEIGHT : 510 gr
(80x42x133) mm
IP 58



①

Features

- Control of conductive or nonconductive low density liquids
- Made of quality persistent material
- Equipped with special, highly flexible cable
- Simple level change
- Simple installation

②

Technical specifications

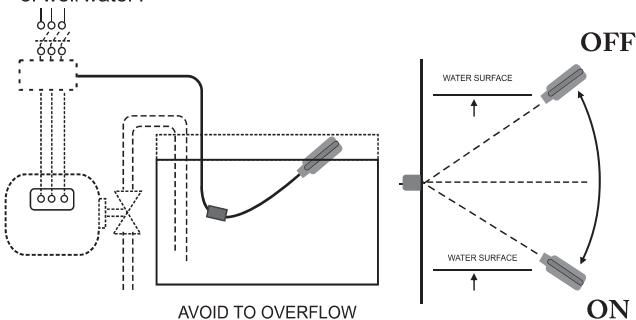
- Wire
 - Black : COM(Common)
 - Brown : NC(Normally Close)
 - Blue : NO(Normally Open)
- Maximum environment temperature: 50°C
- Output : Microswitch MAX 10A

Installation Instruction

First pass float switch cable through hole located in the center of holder ballast and choose float switch distance to this ballast based on required height.

③

Now insert ballast and float switch set to liquid. Note that cable and float switch must be in water completely. To be sure of proper operation of device, it is necessary to fix cable inside tank or well water.

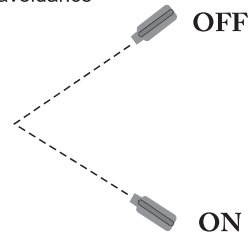


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Device Operation

This device is used for two following purposes according to usage of NC and NO contacts :

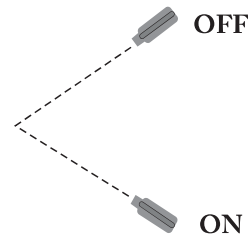
- 1- Liquid surface control of tanks and overflow avoidance



⑤

Black(COM) : common
Brown(NC) : -----
Blue(NO) : output for pump

- 2-Avoidance of motor dry running in wells



⑥

Black(COM) : common
Brown(NC) : -----
Blue(NO) : output for pump

Warning: If cable is damaged, it is not possible to repair it and device must be replaced.

Note: To accurate control of conductive liquid surface, you can use shiva amvaj liquid level monitoring equipped with special and unique sensor.

Shiva amvaj liquid level monitoring have sensitivity adjustment screw for various liquid with different resistance. Also you can adjust delay-on or delay-off time for output relay between 1 to 10 seconds.

⑦

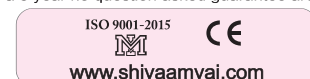


Respecting the customer is our duty

3 year no question asked guarantee under these conditions;

- 1-at most it should be within 3 years from the date printed on the label of the product
- 2-the label on the product should be safe and sound

Shiva Amvaj products in accordance with international standards and with a 3 year no question asked guarantee are presented



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⑧