



# Unification Float Type Level Switch

Model : SFS-2S



**SeoJin Instech Co., Ltd.**

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# SFS-2S

## Unification Float Type Level Switch



SFS-2S

### Specifications

Application	Open tank
Structure	Weather proof
Contact Capacity	AC 250V/10A
Cable gland	JIS - F- 20A ( PF3/4")
Body	Poly- phenol resin
Cover	Poly- carbonate
Flange	304SS
Bellows	Neophrene
Contacting part	304SS
Rod length	L=1000 m/m STD

- For over 1 meter rod length is option.

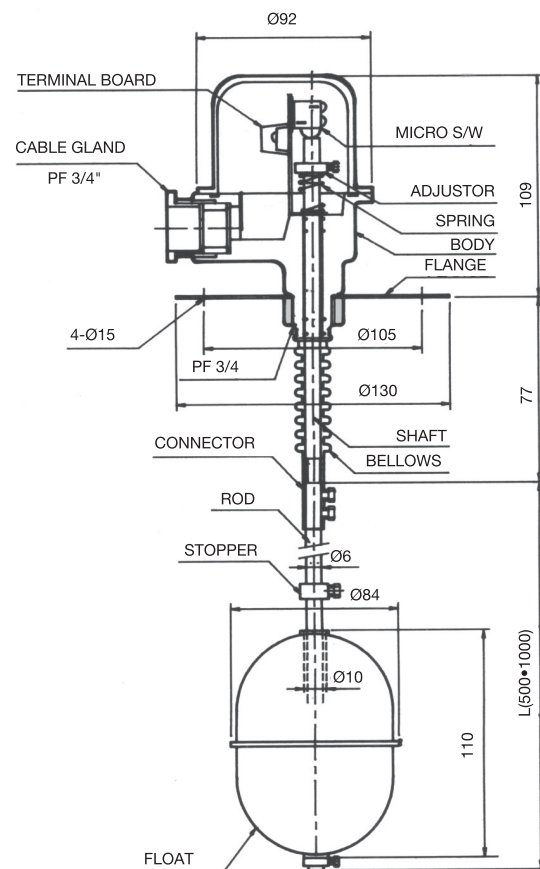
### Basic operation

The buoyancy and the weight of the float generate the upward pressure on the rod. This pressure causes the micro switch to switch on.

### Features

- Direct pump control.
- Adjustable on/off switching level.
- Unaffected by magnetic fields.
- Simple installation.

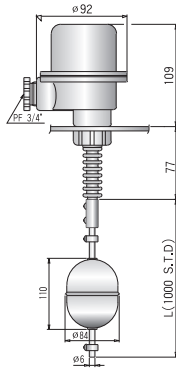
### Overall Dimensions



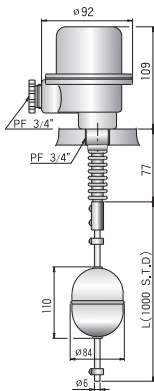
**SFS-2 Type**

► Specify the length when place an order.

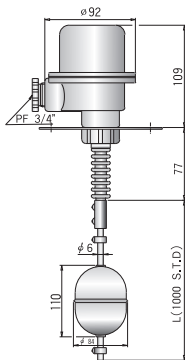
### Double tighten mounting



### Screw fixing mounting

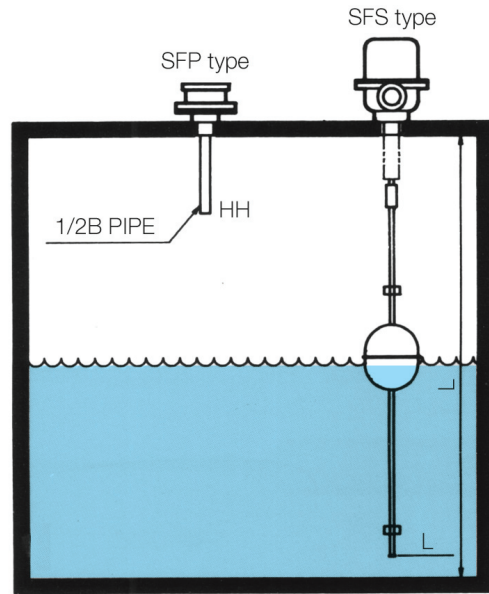


### Flange mounting



## Applications

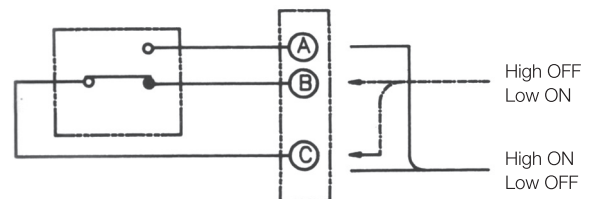
Liquid level can be controlled by Model SFS but Model SFP should be applied when need to have Highest Alarm. When applies Model SFP, Micro switch is operated by the Diaphragm which receives the water pressure when the end of pipe is submerged over than 65m/m.



## Note

- Remove the protector(metal plate) inserted between the shaft and micro switch for the micro switch protection after installation.
- Adjustor is calibrated at factory but should confirm the movement before installation.  
When change the rod length at the site, moving distance should be adjusted accordingly.
- Shaft and Rod should be installed perpendicularly.

## ► Internal connection and Terminal



## Ordering Information

### ■ Unification Float Type Level Switch

SFS - 2S A 1 A 1

#### CONDUIT CONNECTION

1 = PF 3/4" (Std.)  
 2 = PT 3/4"  
 3 = PF 1/2"  
 4 = PT 1/2"  
 5 = NPT1/2"  
 6 = NPT3/4"  
 OP = etc.

#### MOUNTING SIZE

A = PF 3/4"  
 B = JIS 5K 50A 2t Special Flange (Std.)  
 OP = etc.

#### MEASURING RANGE

1 = Min. 250 ~ 1,000 mm (Std.)  
 2 = 1001 ~ Max. 2,000 mm  
 OP = etc.

#### WET PART MATERIAL

A = 304SS + NBR  
 B = 316LSS + NBR

#### TYPE OF SWITCH

2S = Standard type. Poly-phenol & Poly-carbonate Housing. Atm' Only (IP64)  
 (1 'C' SPDT. H/L Control. 250V 10A)

■ When placing an order, selected ordering number should be indicated on the purchase order sheet.

Rod Length	Operating Differential	Mounting Attitude from Vertical
250mm to 500mm	60mm to 350mm	Up to 10 degrees
501mm to 1000mm	60mm to 850mm	Up to 5 degrees
1001mm to 1500mm	60mm to 1350mm	Up to 2 degrees

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2019 Edition Rev.1 (printed by Daumi)

■ Specifications subject to change without notice