

Magwell Model MS-VF Series are Vertically Mounted Magnetic Float Level Switches designed for Simplicity, Accuracy, Repeatability, Reliability and Safety.

### Standard Features

- ◆ Upto 4 SPDT switches per unit (more available on request)
- ◆ Minimum Specific Gravity of 0.7
- ◆ Multiple Floats
- ◆ Variety of process connections
- ◆ Vibration resistant
- ◆ Operating Temperature up to 302 °F
- ◆ Operating Pressure up to 40 Bar
- ◆ 316/316L Standard, other materials on request
- ◆ PMI certificates available on request.

### Applications

- ◆ Only for Liquid Medium
- ◆ Offshore Oil Rigs & Platforms
- ◆ Chemical & Petrochemical Plants
- ◆ Power & Utility
- ◆ Water & Waste Water Treatment Facilities
- ◆ Cooling Towers,
- ◆ Lubrication / Filtration Systems,
- ◆ Paint Shops,
- ◆ Food
- ◆ Pharmaceutical

### Specification

Material of Construction :	SS 316L Standard, SS 316, PP
Minimum Specific Gravity :	0.7
Process Connection :	Flanged, Threaded
Switch Type :	Magnetically Actuated, hermetically Sealed, reed Switch
Accuracy :	± 2mm
Insulation :	100 Mega-ohms at 500VDC
Preset Levels :	1 to 4, factory set
Special Feature :	Intrinsically safe to Ex ib Gr IIA-IIB

### Ordering Information

Select the model code as provided in the coding sheet, with preset levels D1, D2, D3 etc, specific Gravity and Operating pressure and temperature.



## Ordering Information

### MS/VF/a/b/c/d/e

#### a/ Terminal Type

- D - Weatherproof IP66 / Cast Al.
- E - Explosion Proof IP65 Gr. IIA, IIB, IIC
- S - Stainless Steel SS 316
- G - Polycarbonate Enclosure

#### b/ Size of Flange

- |                      |               |
|----------------------|---------------|
| A : 1.0" 150# Flange | F : 3/4" MNPT |
| B : 1.5" 150# Flange | G : 1.0" MNPT |
| C : 2.0" 150# Flange | H : 1.5" MNPT |
| D : 2.5" 150# Flange | I : 2.0" MNPT |
| E : 3.0" 150# Flange | J : 3.0" MNPT |
| K : Others           |               |

#### c/ Float Type

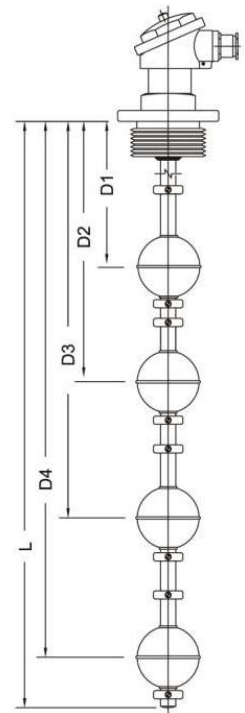
- S : SS316
- P : PU
- V : PVDF
- O : Others

#### d/ Electrical Specifications

Model	S12	S14	S22	S24
Voltage	200V DC	300 V DC	28 V DC	500VDC
	125V AC	240 V AC	28 V AC	250VDC
Current	0.5A	3A	0.25A	1.5A
Rating	15VA	100VA	3VA	50VA
Switch	SPST	SPST	SPST	SPST

#### e/ Dimensions

Select the appropriate dimensions D1, D2, D3 D4 and L.





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**Magwell LLC**  
**537 Cajundome Boulevard, Suite 111**  
**Lafayette, LA 70506**

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