



CONTACT: PETROTECH ENGINEERS

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PRODUCT DESCRIPTION

Petrotech Top Mounted magnetic float level switch consists of magnetic float moving on guide tube, which houses hermetically sealed reed switches at preset levels. The float follows liquid level and magnetically actuates reed switches at preset levels to change over contacts. Single or multiple switching is effected through single or multiple floats as required by applications.

APPLICATION

- Oil/Water Separators
- Diesel Tanks
- Fuel/Oil Tank and Transfer Systems
- Fuel Tanks Management
- Dosing Tanks in ETP

- Chemical Processing and Storage Tanks
- Lubrication Equipment
- Heating Ventilation & Air Conditioning
- Food Processing Equipment and Marine
 Services

FEATURES

- All Stainless Steel
- Sturdy and Versatile
- Easy Installation
- Rugged Construction
- Hermetically sealed glass encapsulated

reed switch

TECHNICAL SPECIFICATION



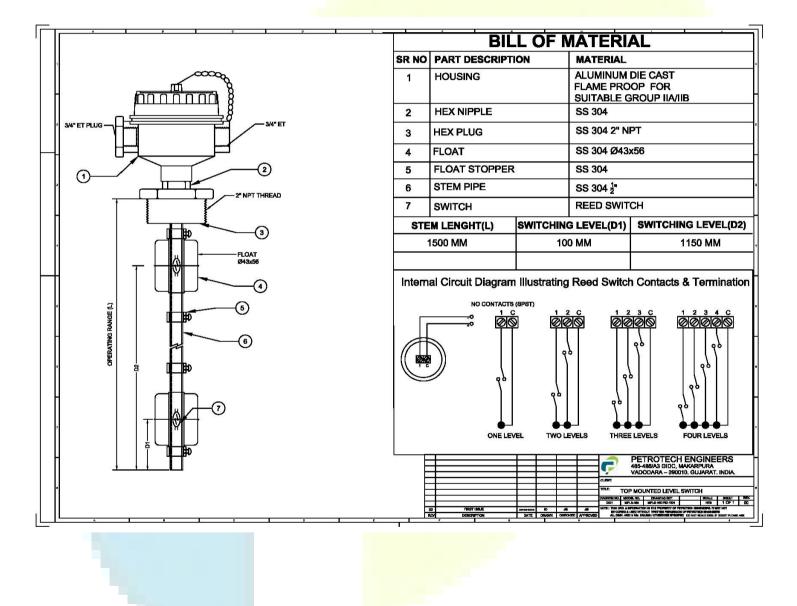
Mounting	: Тор		
Terminal Enclosure	: Cast Al. IP6 <mark>6 or Ex d G</mark> r.IIB or IIC (CCOE certified) or ATEX Ex d Gr. IIB		
No. of Floats	: Single / Multiple (Max 5)		
Float MOC x Size	: SS316 x Ø 28, 40, 52, 60, 75 PP x Ø25, 50, PVDF ctd. SS x Ø60		
Liquid Specific Gravity	: 0.65 to 1.2 depending on float size		
Process Connection	: Flanged, Screwed or Tri-clover		
Switch Type	: Glass encapsulated hermetically sealed reed switch		
Reed Switch Rating	: 40 VA or 120 VA, NO (SPST)		
	5 VA or 60 VA, 1 C/O (SPDT)		

Differential Accuracy/ Repeatability Max. Temperature Max. Test Pressure : ± 5 mm

: ± 2 mm/ ± 1 mm

: 70 C (PP), 100°C (PVDF ctd SS), 125°C (Metallic)

: 2 Kg/cm2 (PP), 10 Kg/cm2 (Metallic/PVDF ctd SS)



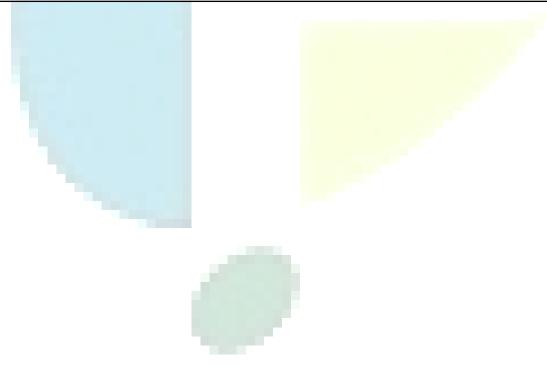
TOP MOUNTED MAGNETIC FLOAT LEVEL SWITCH					
SR.NO	SELECTION	SUFFIX CODES	DESCRIPTION		
1	Level Switch Model				
		MPLS - 150	Top mounted level switch		
	Housing Material				
2		DA	Die Cast Aluminium		
2		S4	SS 304		
		S6	SS 316		
	Process Connection				
		25B	1" BSP (M)		
		40B	1 1/2" BSP (M)		
		50B	2" BSP (M)		
		25N	1" NPT (M)		
		40N	1 1/2" NPT (M)		
		50N	2" NPT (M)		
3		925	92 PCD SQUARE FLANGE		
5		92R	92 PCD ROUND FLANGE		
		2AR	2" ASA 150# RF FLANGE		
		3AR	3" ASA 150# RF FLANGE		
		4AR	4" ASA 150# RF FLANGE		
		2BR	2" ASA 300# RF FLANGE		
		3BR	3" ASA 300# RF FLANGE		
		4BR	4" ASA 300# RF FLANGE		
		0	Other		
4	MOC Of Float				
		РР	Polypropylene		
		S4	SS 304		
		S6	SS 316		
		MN	Monel		
		НС	Hastalloy C6		
		S6L	SS 316L		
5	Probe Length				
		S	Specify (0-3000 MM)		

6	No. Of Floats		
		F1	1 Float
		F2	2 Floats
		F3	3 Floats
		F4	4 Floats
		F5	5 Floats
		F6	6 Floats
7	Enclosure Protection:		
		STD	Standard
		165	IP-65
		2AB	Suitable for Gas Groups IIA / IIB
		2C	Suitable for Gas Group IIC
8	Switching Points and Mode:		
		Lx	Please Sepcify the length in mm
		NO	Normally Open
		NC	Normally Closed

Ordering Example:

MPLS - 150-DA-50N-S6-1100mm-F2-I65-L1=500mm[NO];L2=900mm[NC]

Note : Due to continuous improvement, the specification may vary from time to time. For non standard products/optional items, please contact factory for delivery and minimum quantity of order.





Petrotech Engineers

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