

Suspended Float Switching Systems for Liquids - FTS

Salient Features :

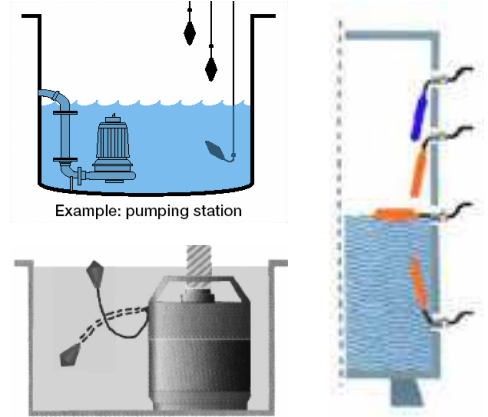
- ☑ Reliable performance & easy installation
- ☑ Site adjustable preset levels
- ☑ Single or multiple level detection
- ☑ Float (IP68) to suit most aggressive conditions.
- ☑ Wide specific gravity range from 0.7 to 1.50
- ☑ ATEX certified (IP 6X) for hazardous area
- ☑ ACS certified for sanitary applications

Specifications :

Suspended Floats : Disc, Biconical (BC), BC Large, BC Aseptic, BC Ex-proof or Mini Tubular
 Float Protection : WP IP-68/IP6X (Ex-proof)
 Min Density : 0.75 g/cm³
 Enclosure x Cable Gland : Cast Al, WP IP66 x PG9 / PG11, Polyamide
 Process Flange : CS, 3" or 4" NB ANSI 150# or 1.5NB(M float)
 Cable Lengths : 2, 3, 5, 6 & 10 mtrs
 Cable MOC : Neoprene, EPDM, Hypalon
 Contact Type : Microswitch
 Adj. Stopper : PP, Rubber [BC(E)], SS316 [BC(S)]
 Support Pipe : GI, SS304, SS316, PP
 Ballast : SS304, SS316
 Cable Gland (Mtg) : PG9, Polyamide



Diverse Applications

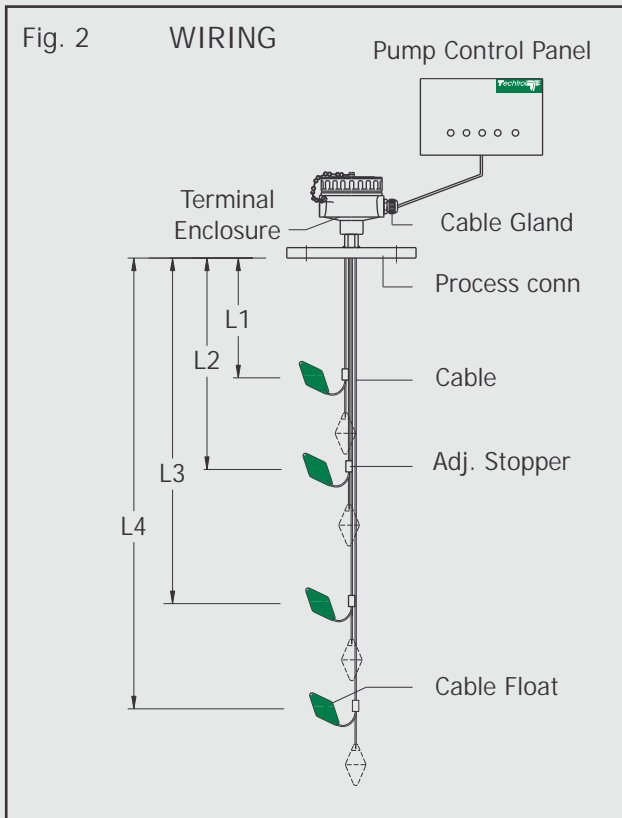
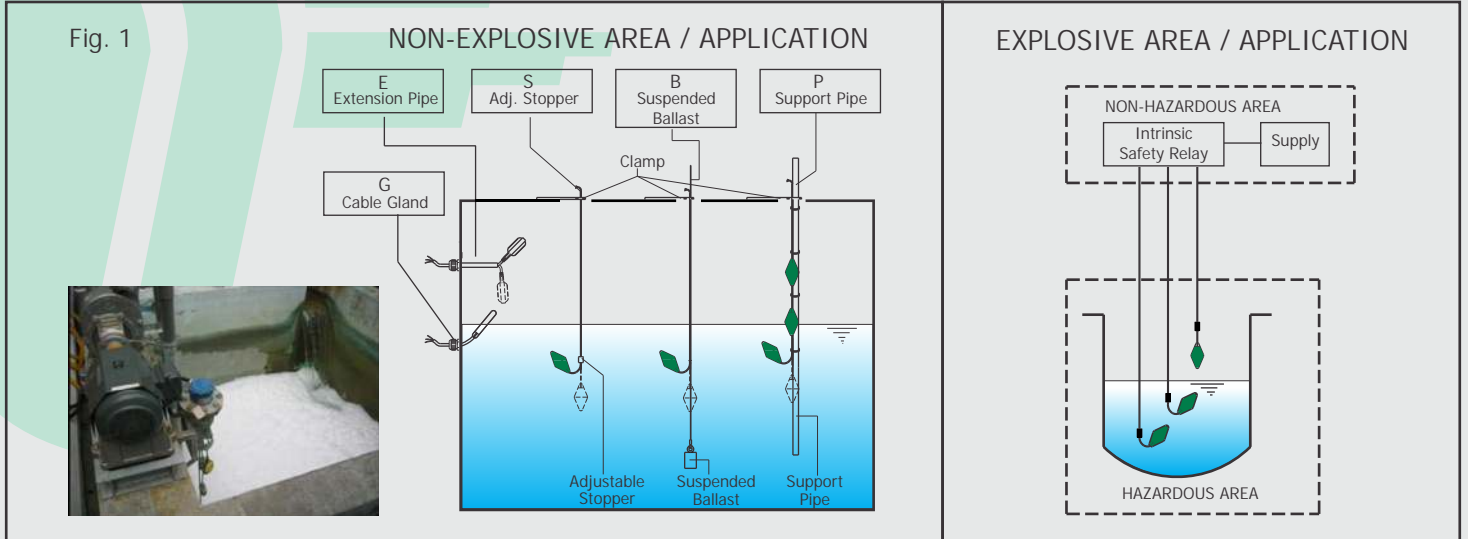


Suspended floats	D DISC	B BICONICAL ECO	A BICONICAL LARGE	S BICONICAL ASEPTIC	E BICONICAL EX PROOF	M MINI TUBULAR
	Neoprene 	Neoprene 	Neoprene 	EPDM 	Hypalon 	Neoprene
Shape	Disc	Biconical	Biconical	Biconical	Biconical	Tubular
Pressure	2Kg/cm ²	3.5Kg/cm ²	3.5Kg/cm ²	3.5Kg/cm ²	4Kg/cm ²	2Kg/cm ²
Temp	-10 to 70°C	85°C	85°C	85°C	-20 to 70°C	85°C
Contact Rating	8A, 250VAC	8A, 250VAC	8A, 250VAC	6A, 250VAC	10mA, 24VAC	3A, 250VAC
Service	Clear or Dirty liquids	Clear or Dirty liquids	Clear or Dirty or Viscous or Liquids with turbulence	Drinking water (Sanitary Applications)	Inflammable liquids / Hazardous areas	Tanks with Small Inlets

Side mounted systems : are configured & located on the tank through an extension pipe (E) or cable gland (G)

Top mounted systems : are configured & located on the tank through an adjustable stopper with 'o' ring (S) or support pipe (P) or suspended ballast (B).

Identify whether operational area or service is explosive or non-explosive area. For non-explosive area / service use conventional floats, however for explosive area, it is mandatory to use 'ATEX' certified switches viz hazardous liquids or effluent treatment plants or septic tanks.



Services :

Raw / Filtered / Polluted / Drinking / Waste water, Sewage, Acidic & Alkaline liquids, Coolants, Fuel oil, Solvents & Sludge

Model Identification :

Float Type x Cable	FTS -					x Cable Lengths of each Float L1, L2,.....L4
Disc x Neoprene		D				
Biconical Eco x Neoprene		B				
Biconical Large x Neoprene		A				
Biconical Aseptic x EPDM		S				
Biconical Ex proof x Hypalon		E				
Mini Tubular x Neoprene		M				
Others		O				
Terminal Enclosure						
Without				W		
Cast Al WP-IP 66				J		
Others				O		
Process Connection						
Not Provided					W	
CS x 1-1/2"NB, ANSI 150 # (M float)					1	
CS x 3"NB, ANSI 150# (B float)					2	
CS x 4"NB, ANSI 150# (D, A, S & E float)					3	
Others					O	
No. of Cable Floats						
One, Two,.....Four						1, 2, 4
System Configuration						
Adj. Stopper						S
Suspended Ballast						B
Support Pipe						P
Extended Flanged Pipe (Side Mtd)						E
Cable Gland (Mtg - M float)						G
Others						O

*All dimensions in mm except specified

