

# Product SPECIFICATION SHEET

## FF-70SSS

NEPSI PROOF No.GYJ111213 Ex d IIC T3-T6  
PTB PROOF No. 05 ATEX 1025 Ⓜ II 2G Ex d IIB T6-T4 Gb  
Ⓜ II 2D Ex tb IIIC T85°C-T135°C  
D<sub>b</sub> IP65



Simple theory as liquid buoyancy is utilized for the main principle of this "FF" series. A change of liquid level correspondingly travels the float to extreme levels up and down. The reed switch is thus "NC" and "NO" exchanged as well as the permanent magnet on pivot will have mutual repulsion to the other one inside on the housing for like poles, which the Microswitch is button-pushed by magnet to states "NO" and "NC" exchanging likewise.

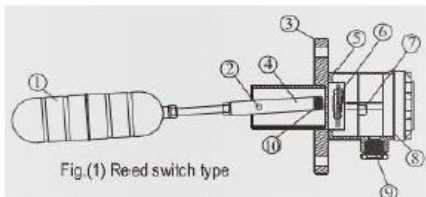
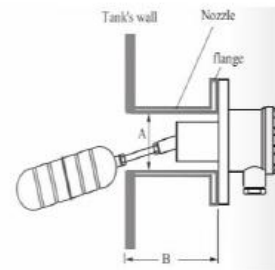


Fig.(1) Reed switch type

1. Float    4. Pivot    7. Terminal    10. Magnet  
2. Shaft    5. Housing    8. O-ring    11. Screw

The diameter and length of the connecting pipe (of a tank) are in a direct ratio.

	UNIT: mm				
Pipe dia (A)	45-50	50-55	55-60	60-65	65-70
Length (B) (Max.)	130	140	150	160	170



Description	Type
Mounting Style	FF-70SSS Explosion Proof Gland
Max Switching Voltage	240VAC / 200VDC
Max Switching Current	2A
Max Carry Current	5A
Switch Type	Reed Switch 1 x c/o
Max Pressure	12.8 Bar
Operating Temperature	-25°C to 100°C
Material	Housing Aluminium Wetted Parts SS304
Suitable Specific Gravity	0.65S.G.
Resistant to	Water , Acids, Oils

### BRANCH CONTACT DETAILS

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