

REVATHI ELECTRONICS & CONTROLS

ITEM NO. : 3

ITEM : TOP MOUNTED FLOAT OPERATED SUSPENDED AND TILTING FLOAT SWITCHES.
REFER OUR G. A. DRG. NO. RTMTLS-2002-WP.

PRINCIPLE OF OPERATION :

A pear shaped float weighted at its upper end is suspended inside a vessel on the end of a flexible cable. As the liquid level rises the lower end of the float is supported by the fluid, the float tilts and operates a micro switch inside it (not a mercury switch).

TILTING FLOAT SWITCHES :

Similar in operation to the suspended float switch, the tilting switch employs the movement of an internal ball-bearing to operate a changeover contact inside the float.

APPLICATION :

Control of waste water, ground water, flow water, liquid manure, sump water, sewage, leaching solution, etc., Leak detection (Tilt Switch).

MATERIAL SPECIFICATION :

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| 1. Type | : | Top Mounted Tilting Float Type Level Switch |
| 2. Switch Type | : | Magnetic |
| 3. Mounting | : | Field |
| 4. Stem, Floats, End Stoppers etc, | : | SS / PP / PVDF |
| 5. Material of Flange | : | To Mention |
| 6. Mounting Flange Size & Rating | : | To Mention |
| 7. No. of Floats | : | To Mention |
| 8. Stem length from bottom of the flange | : | To Mention |
| 9. High level actuation point from bottom of the flange. | : | To Mention |
| 10. Low level actuation point from the bottom of the flange | : | To Mention |
| 11. Type of switch | : | Micro |
| 12. Contact Form / Rating | : | SPDT / DPDT 230 VAC / 5A |
| 13. Enclosure | : | Weatherproof. The enclosure in addition in dust & vermin proof |
| 14. Electrical cable entry | : | ¾" ET (F) STD |
| 15. Adjustable | : | The switches are adjustable over the entire stem length to have various level actuation points |
| 16. Services | : | To Mention |
| 17. Op Press Kg/Cm2g / Temp ° C / Sp. Gr | : | To Mention |
| 18. Tag No. | : | To Mention |
| 19. Quantity | : | Nos. |

FLOAT OPERATED TILT TYPE LEVEL SWITCH

APPLICATION DRAWING

