

ITEM NO. : 23

ITEM : FLOAT TYPE LOCAL LEVEL INDICATOR / TRANSMITTER ELECTRONIC (INTERNAL MOUNTED) REFER OUR G. A. DRG. NO. RTMLT-4001-A/O

PRINCIPLE OF OPERATION:

This is a level transmitter-employing magnet embedded float. The magnet embedded Floats buoys up alongwith the level rise and it cuts in or cuts out a series of resistors kept sealed inside a stem. The output which us current signal of 4-20 mA is transmitted to remote area ie. say pump room or control room.

MATERIAL SPECIFICATIONS:

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|---|---|---|
| 1. Type | : | Float type Level Transmitter Electronic |
| 2. Mounting | : | Top Mounted Internal |
| 3. Service | : | To Mentibn |
| 4. Op.pressureKg/Cm2g/temp.° C /Sp.Gr. | : | To mention |
| 5. Hydro test pressure | : | 1.5 times of max. Op. pressure |
| 6. Process conn. Flange size and rating | : | 4 " ANSI 150 # RF flanged or to mention |
| 7. Process conn. Flange malt. | : | SS 304 / SS 316 / Polypropylene / PVDF |
| 8. All wetted parts malt. | : | SS 304 / SS 316 / Polypropylene / PVDF |
| 9. Connection Head | : | Cast aluminium Weatherproof or Flameproof |
| 10. Electrical cable entry | : | ¾" ET (F) / ½" NPT (F) or To Mention |
| 11. Measuring Rang | : | To Mention |
| 12. Tank height / Nozzle projection | : | To Mention |

ELECTRONIC UNIT :

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|---------------------------|---|---|
| 1. Input supply | : | 110 / 230 VAC 50 Hz / 24 VDC |
| 2. Output supply | : | 4-20mA 2 / 3 wire type |
| 3. Accuracy | : | ± 20 mm of the total range std. or To Mention |
| 4. Indicator | : | Will be 2 ½ " Dial analogue meter |
| 5. Enclosure | : | Will be cast Aluminium powder coated weatherproof of To Mention |
| 6. Electrical cable entry | : | ¾" ET (F) / ½" NPT (F) – 3 Nos. |
| 7. Quantity | : | To Mention |

MAGNETIC FLOAT OPERATED LEVEL TRANSMITTER

