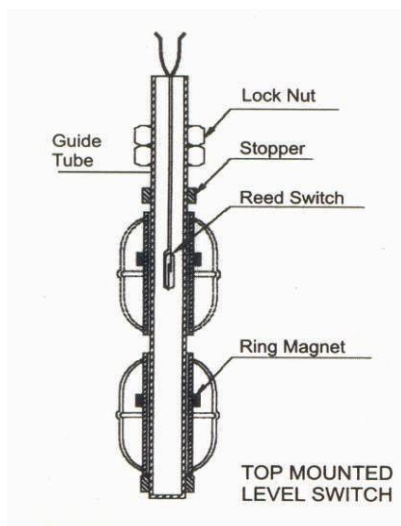


Top mounted level switches work on permanent magnet reed switch basis. The floats which contain permanent magnets move freely between their stops rising or falling with liquid level movement. Hermetically sealed within the tube are reed switches, completely isolated from the medium. The magnet's field actuates the reed switch as the float moves while the stoppers restrict overrun and prevent the reed switch returning to its original position. Stopper positions should not be changed.



### SALIENT FEATURES:

- Reed - Switch actuated level switches work on the principle of magnetic flux linkage and therefore they are glandless and leak-proof instruments.
- No Power Consumption.
- Contacts are potential free, NO, NC or changeover contacts can be provided.
- Practically no maintenance is required except periodic cleaning.
- As reed-switches are inside metallic tube-guide pipe, they are protected from mechanical damage.
- As the reed switches are "hermetically sealed-in-glass," under an inert gas atmosphere contacts are protected from contamination.
- Reed switches, due to their low contact resistance are generally recommended for low voltage application. Reed switches have Rhodium contacts.
- Wherever Low Voltage are available 24V or less Reed-Switch actuated level switches may be used directly,
- Otherwise it should be used in conjunction with our "Electronic control Unit." This ensures enhanced life of the level switch. Wide operating temperature range from -400C + 1750C.
- Reed-Actuated level switches are ideal where vibration is involved.
- In a single level switch we offer a maximum of 5 level sensing.
- For highly viscous liquids heavy floats with Teflon coated guide pipes are available & also our VMT-EXT
- Models can be used.

Model	: VMT-16m - L
Process Connection	: 1/8" BSP (M)
Material of Construction	: SS316
Type of Switch	: SPST
Switch Rating	: 60VA / 100VA
Total Stem Length	: 40mm below Hex
Float Dimension	: 28mm dia. X 28mm long
Max. Switching Voltage	: 300 V AC/ DC
Max. Working Temp.	: 125°C
Max. Working Pressure	: 4 Kg/cm <sup>2</sup>
Wire Length	: 1 Meter long 19/36 SWG PTFE insulated
<b>Note: By reversing the float the contacts can be changed from NO to NC or vice versa</b>	



Model	: VMT-16m - L
Process Connection	: 1/4" BSP (M)
Material of Construction	: SS316
Type of Switch	: SPST
Switch Rating	: 60VA / 100VA
Total Stem Length	: 32mm below Horizontal & 75mm Vertical
Float Dimension	: 28mm dia. X 28mm long
Max. Switching Voltage	: 300 V AC/ DC
Max. Working Temp.	: 125°C
Max. Working Pressure	: 4 Kg/cm2
Wire Length	: 1 Meter long 19/36 SWG PTFE insulated
<b>Note: By reversing the float the contacts can be changed from NO to NC or vice versa</b>	



Model	: VMT-16m
Process Connection	: 1/4" BSP (M)
Material of Construction	: SS316
Type of Switch	: SPDT
Switch Rating	: 60VA
Total Stem Length	: 80mm below Hex
Float Dimension	: 41mm dia. X 54mm long
Max. Switching Voltage	: 230 V AC
Max. Working Temp.	: 125°C
Max. Working Pressure	: 7 Kg/cm2
Wire Length	: 1 Meter long 19/36 SWG PTFE insulated
Wire Colour Code	: Red-Common, Black-NC, Yellow-NO

