

## TOP MOUNTED MAGNETIC LEVEL SWITCH

### MODEL MLS 20-TM

**Levsen MLS 20-TM Magnetic Level Switch** is an established and reliable technique in industry for single / multiple liquid level sensing and control in open or pressurized vessels. It offers trouble free service in conductive / non-conductive liquids under widely varying temperatures, pressures, liquid viscosity and corrosive conditions. Besides, it provides high repeatability and effects of shocks / vibrations are minimal

#### **Description**

It consists of a guide pipe made from SS 304/SS 316/PP and floats of SS 304/SS 316/PP which contain permanent magnet move on the tube freely between their stoppers with rise and fall of level of liquid. Hermetically sealed reed switches are housed in the guide pipe. The switches can be fixed at any position through out the length of the pipe.

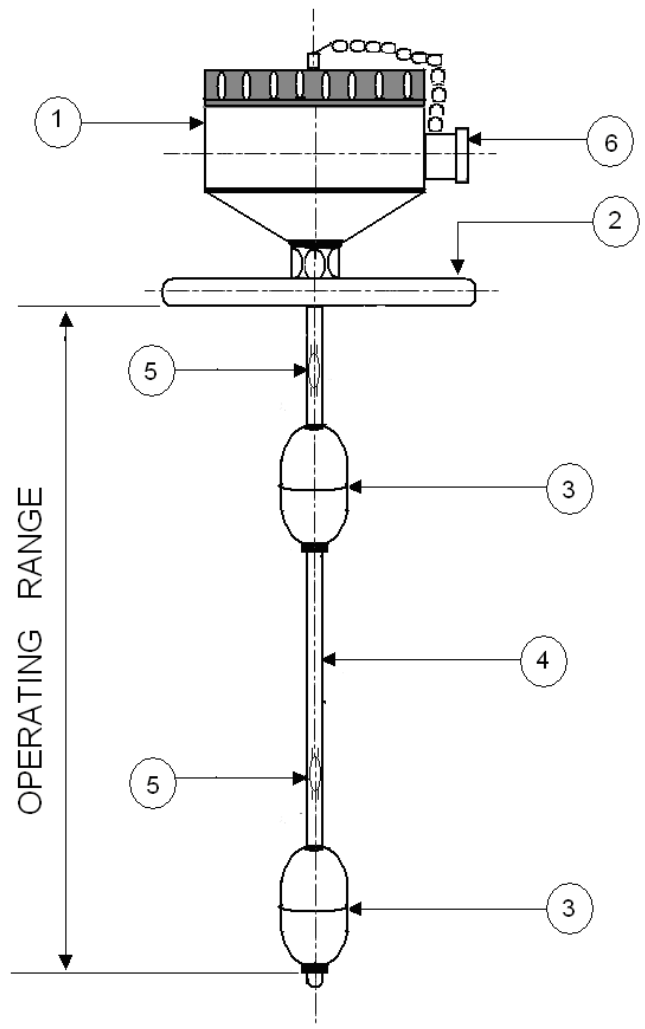
As the float comes across the read switch the magnetic field actuates the reed switch accordingly the contacts changeover. The Stopper restrict overrun of float and prevent the reed switch returning to its original position.

#### **Features**

1. The Top mounted float level Switch are manufactured specifically for horizontal mounting in a tank or vessel. They work well as high or low level control.
2. The Micro-Switch type is usable even at ambient temp. of 180°C max.
3. Mounting flanges can be provides as per customers requirement.
4. A rich variety of floats can suit different specific gravity (S.G.) of liquid. (Custom-made)



**LEVSEN CONTROLS & INSTRUMENTS**  
 DELHI - INDIA  
 TOP MOUNTED MAGNETIC LEVEL SWITCH  
 SERIES MLS 20      MODEL MLS 20-TM



- 1. Enclosure
- 2. Flange
- 3. Float
- 4. Guide Pipe
- 5. Switch
- 6. Gland

**DATA SHEET**

**ENCLOSURE**

- 1. Weatherproof
- 2. Flame Proof

**WETTED PARTS**

- 1. SS304
- 2. SS316
- 3. Poly Propylene

**FLANGE SIZE**

- 1. 1" 150# ASA RF
- 2. 1 1/2" 150# ASA RF
- 3. 2" 150# ASA RF
- 4. 3" #150 ASA RF
- 5. Others

**FLOAT**

- 1. SS304
- 2. SS316
- 3. Poly Propylene

**SWITCH TYPE**

- 1. Reed Switch , 230V 5A 1SPDT

**CONTACTS**

- 1. Normally Open (NO)
- 2. Normally Close (NC)
- 3. Both NO&NC

**PRESSURE & TEMPERATURE RATING**

- 1. 10kg/cm<sup>2</sup>, 150°C
- 2. 10kg/cm<sup>2</sup>, 180°C
- 3. 20kg/cm<sup>2</sup>, 180°C

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