

Top Mounted Magnetic Level Indicator (MLIT 1100 Series)

Simple principle of mechanics and magnetism harnessed to offer an absolutely safe, reliable and trustworthy level indicator for dangerous and toxic liquids under high pressure and temperature.

As the liquid level rises in the tank, the float is lifted up due to buoyancy. The float carries a stem attached to it and on the other side of the stem a magnet is fixed. The float stem moves inside an SS enclosure. External to this enclosure is a glass tube, which carries the magnetic follower (Red in Colour). Due to magnetic attraction, the magnet on the float stem and the magnetic follower are coupled and move in union. As the float moves along with the liquid, the follower also moves inside the glass tube, and the position of the follower can be read against the scale.

Specification

- Liquids : Acids/Alkalies/Solvents/Oils/Lubricants/Liquid Gases Stored in Underground or Over Ground Tanks
- Density / Sp. Gravity : Minimum 0.6
- Viscosity : Up to 250 cp
- Design Temperature : Up to 230°C
- Design Pressure: Up to 7 Kg/cm²
- Tank Height (Range) : Up to 3000 mm
- Material of Wetted Parts : MS/CS/SS304/SS304L/SS316/SS316L PTFE Lined SS/PVC/PP
- Connection : Flanged to ASA/BS/DIN/ Triclover
- Minimum Nozzle size required 4" NB for Liquids Below 0.8 Density

Product Code :
MLIT 1100

Available Options

Top Mounted Magnetic Level Indicator (Capsule Type)



Product Code :
MLIT1100

Top Mounted Magnetic Level Indicator (Rotoball Type)



Product Code :
RBMLIT1100

Top Mounted Magnetic Level Indicator (Follower Capsule Type) With High & Low Level non Latching Switch



Product Code :
MLIT1100-LSN

Type : Hall Effect (Non- Latching)
Form : 1NO+1NC
Rating : 5Amp/230VAC
Supply : 24 VDC
Enclosure: W-Proof IP65/Ex - Proof

Top Mounted Magnetic Level Indicator (Follower Capsule Type) With High & Low Level Latching Switch



Product Code :
MLIT1100-LSL

Type : Hall Effect (Latching)
Form : 1NO+1NC
Rating : 5Amp/230VAC
Supply : 24 VDC
Enclosure: W-Proof IP65/Ex - Proof

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