

Magnetic By-pass Level Gauge

Measuring Principle

Magnetic level gauge also called by pass level gauge. It used to measure the level of aggressive, combustible, toxic & hot compressed liquid in low, medium & high pressure. A float containing a magnet moves up and down the tube, and its position determines the tank fluid level (the level is clearly indicated by red and white markers).

Variation in fluid level causes the float to move and the float magnet then makes the roller display (which also contains a magnet) rotates.

Red markers are normally shown in the part of the tank holding the fluid and white markers in the part containing the gas/steam.



Feature

- SS304 or SS316 body material
- Hermetically sealed glass tube with no contact with medium
- Magnetic bargraph is mechanically interlocked to avoid random rotating
- Glass standard type A = size 30mm (optional type B glass)
- Optional with analog signal output

Benefic

- Low maintenance
- Ideal for high temperature & high pressure resistance
- Long working life

Application

- Boiler
- Surge vessel/Dearator
- Surge Tanks
- Oil/Water Separators
- Feed water Heater
- Propane Vessels
- Alkylation tank



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