

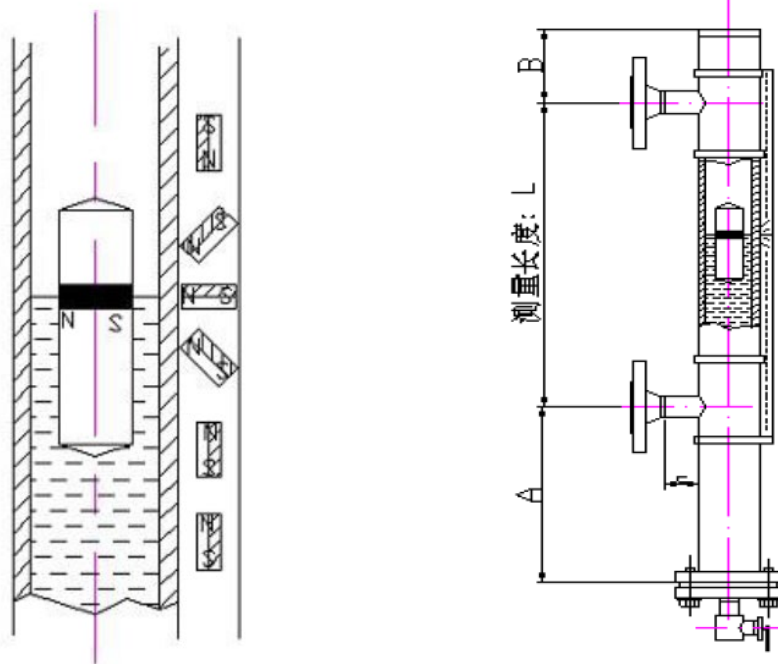
HR9210 Magnetic Float Level Transmitter

I. Working principle and usage

The HR9210 magnetic float liquid level transmitter is a measuring instrument that reflects the measured liquid level or interface by the magnetic float as the sensing element and through the coupling of the magnetic float and the magnetic body in the display color strip.

The transmitter and the measured container form a communicating device to ensure the liquid level is the same between the measured container and the measuring tube body. When the float in the measuring tube of the liquid level gauge changes with the measured liquid level, the magnetic body in the float acts on the magnetic strip in the color scale displayed on the display strip, causing it to flip, the red indicates that there is liquid, and the white indicates that there is no liquid, which can accurately show the liquid level.

HR9210 magnetic float type liquid level gauge has the features of obvious and conspicuous display, no need of power supply, convenient and reliable installation, few maintenance and low maintenance cost, which is an upgraded product of glass tube and glass plate level transmitter. It can be widely used in liquid level detection of tanks, mangers, boxes and other containers in petroleum, chemical, power station, pharmaceutical, metallurgy, shipbuilding, water/sewage treatment industries.



It can be used with the magnetic control level transmitter according to the needs of

the project. It can display digitally on the spot or output 4~20mA standard remote transmission signal to match the needs of recording instruments or industrial process control. It can also be used with magnetic control switches or proximity switches to monitor the liquid level monitoring or control the liquid inlet and outlet equipment.

II. Specification

1. Measure range: by users requirement(max. to6000mm)
 2. Accuracy: $\leq \pm 10\text{mm}$
 3. Medium pressure: 1.0,1.6,2.5,4.0Mpa
 4. Medium temperature: $-40^{\circ}\text{C} \sim 450^{\circ}\text{C}$
 5. Medium viscosity: $\leq 10^{-4} \text{ m}^2/\text{S}$
 6. Medium proportion: $\geq 0.55\text{g}/\text{cm}^3$
 7. Pipe material: 304SS
 8. Flange: Standard DN20, or customize
 9. Drain valve: (Q11f-15PC1/2") female ball valve
- Air-bleed hole:GZ1/2" pipe plug