

MAGNETIC LEVEL METER



Description

SNM.1 type magnetic float type level gauge is a magnetic float for sensing elements, And through the magnetic float and display color of magnetic coupling body, Reflect the measured liquid level measuring instrument or interface (map1) .

SNM.1 magnetic float type level gauge and the measured container to form connectors (map2) , Guarantee is measured between the container and the measuring tube body equal level。 When the level of the measuring tube float along with the measured liquid level changes, Float in the magnetic body and shown on the display of the role of the magnetic body color code, Make the turn, Red liquid, White said no liquid, To achieve the goal of in situ must indeed show level.



Features

- Intuitive wake mesh;
- Don't need power supply,
- convenient installation and reliable
- Easy maintenance

Application

- Widely used in oil、chemical engineering、power station、pharmacy、metallurgy、ship、industry, Tank of water or sewage treatment and other industries、groove、Box container liquid level detection, etc

Specifications

Range of measurement :	200~12000m
Measurement accuracy :	≤ ± 10mm
Medium density:	≥ 0.5g/cm ³
Medium pressure :	0~15Mpa (accept customize)
Medium temperature :	-40℃ ~ 450℃
Medium viscosity :	≤ 0.4Pa.S (Choose jacket type for medium with high viscosity or low temperature easy to crystallize)

Specifications

Measuring liquid level specific gravity difference:	0.15g/cm ³
Mounting flange:	Standard 3/4", Can also according to customer's requirements
Output:	4~20mA two wires
Tube material:	Standard 304 stainless steel (optional for the other)
Electrical connection:	M20*1.5 female
Protection:	IP65
Explosion Proof:	IIIBT4~6 IalICT4~6
Pollution discharge:	1/2 Plug or valves
deflate:	No or 1/2" Plug or valves (optional for the other)
Power consumption:	<1.5W

Model Selection

Mounted/Item		Side Mounted	Top Mounted
CC Distance (Measure range)	Stainless steel	500~5000mm	500~2500mm
	ABS, PPR	500~5000mm	
Work Pressure		0.6, 1.6, 2.5, 4.0MPa	0.6, 1.6, 2.5MPa
Flange	Stainless steel	Flange 20~40(DN20 PN1.0~4.0)	Flange 200~25(DN200 PN1.6)
	ABS	Flange 20~10(DN20 PN1.0)	Flange 200~6(DN200 Pn0)
Body material		ICr18Ni9Ti, ABS, PP-R(Wrok temperature 0.6MPa)	
Medium temperature		Medium: -40~100℃ (ABS, PPR, -40~80℃)	
Ambient temperature		-40~70℃	
Error		± 100mm	
Medium viscosity		≤ 1st(40~4/s)	
Upper and lower limit switch output		1. Control sensitivity: 10mm 2. Output contact capacity: AC220V 2A 3. Contact life: 5x10 ⁴ times 4. Explosion-proof features: IalICT4 intrinsically safe	
Electric remote transmission, continuous display		1. Accuracy: ± 1.5% 2. Output load: 750Ω 3. Output signal: 4~20mA, 24VDC Two wire 4. Explosion-proof features: IalICT4 intrinsically safe	