

MAGNETOSTRICTIVE FLOAT LEVEL TRANSMITTER

GLT621



INTRODUCTION

GLT621 Magnetostriuctive float level transmitter could provide fast, reliable, accurate and continuous level signal at real time. The product could with one or multiple floats and output of floats on absolute position will be analog or digital signals. There are normal probe, flexible probe, anticorrosive probe and other probe options for the product, which could meet requirements of various industries with volatile, corrosive and other harsh environments. Since GLT621 float level transmitter provides multi level detection function, it has great advantage in multi level applications including chemical reactors, tanks, oil depots, fuel tanks, etc.

APPLICATION

- Liquid level measurement of petroleum, chemical, pharmaceuticals, food, beverage and other industries.
- Liquid measurement and level detection of gas station.
- Measurement and detection of automatic refueling and selling system.
- Sewage treatment

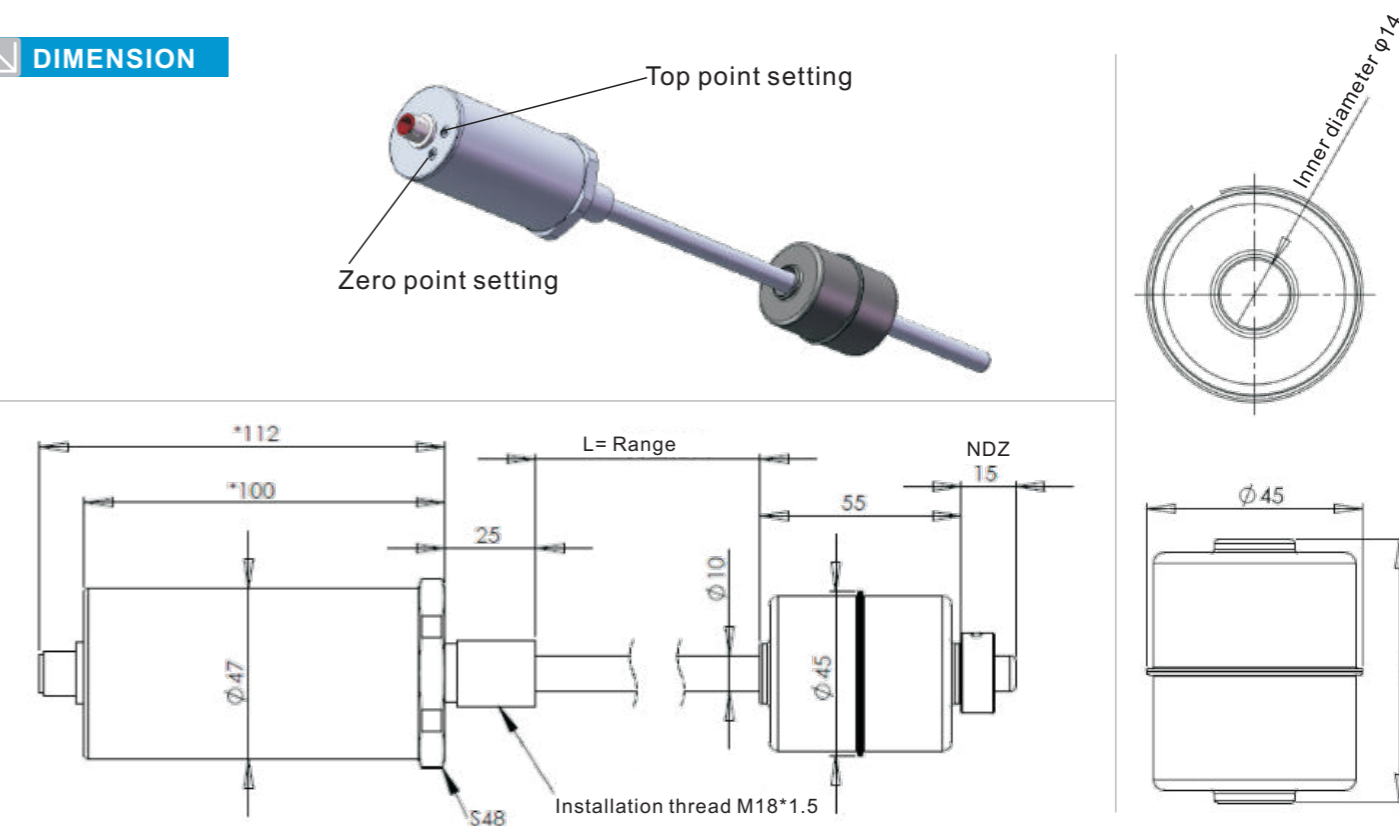
FEATURES

- None contact continuously measurement, wear-proof permanently.
- No drift and do not need calibration.
- Absolute position measurement, resolution could reach to 0.15mm
- Could detect multi liquids, interfaces or liquid levels at same time
- Value range of measurement could be set by users.

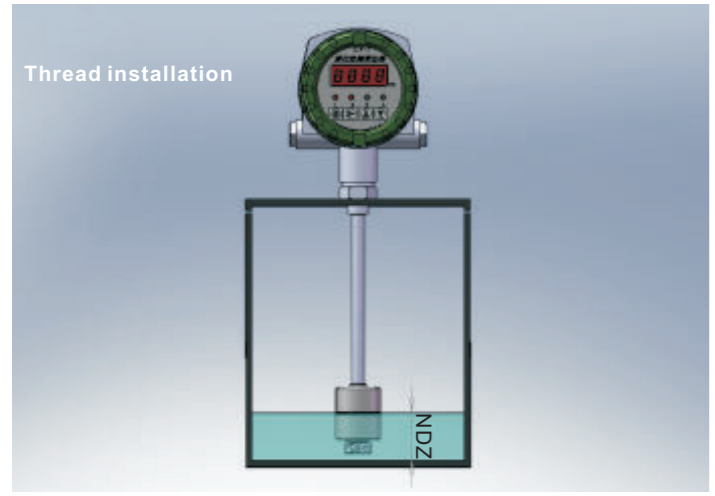
SPECIFICATIONS

Range	Probe 40mm~5000mm Flexible probe 50mm~20000mm
Non detection zone (NDZ)	Top NDZ: 50mm Bottom NDZ: 50mm (customizable)
Resolution	0.15mm
Accuracy	Analog: 0.3% RS485: 0.1%
Output	Analog: 4-20mA Digital: RS485
Power	AC/DC220V, DC24V
Consumption	≤3W
Stability	≤0.01% / year
Rated pressure	2.5Mpa/ customization
Operating temp.	-20℃~70℃
Relative humidity	≤80%
Display	4 bit 0.56" LED
Probe material	304 stainless steel or customization
Housing material	304 stainless steel or customization
Cable	5-core cable connector, default length 2m
Installation	Thread, flange or external installation
Thread size	No display: M18*1.5 With display: M20*1.5

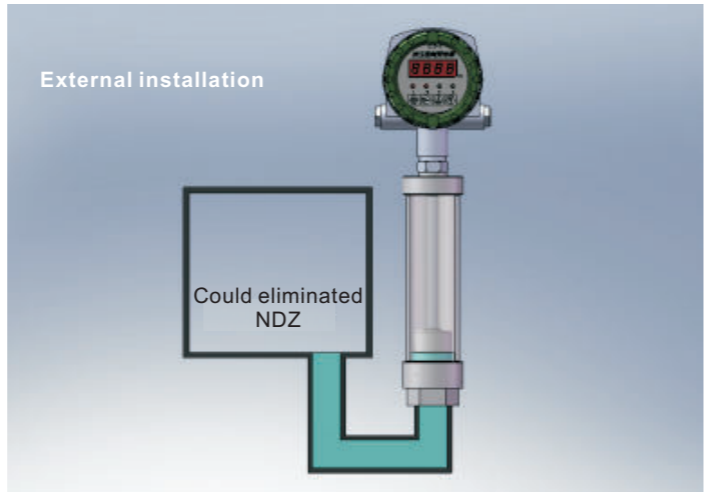
DIMENSION



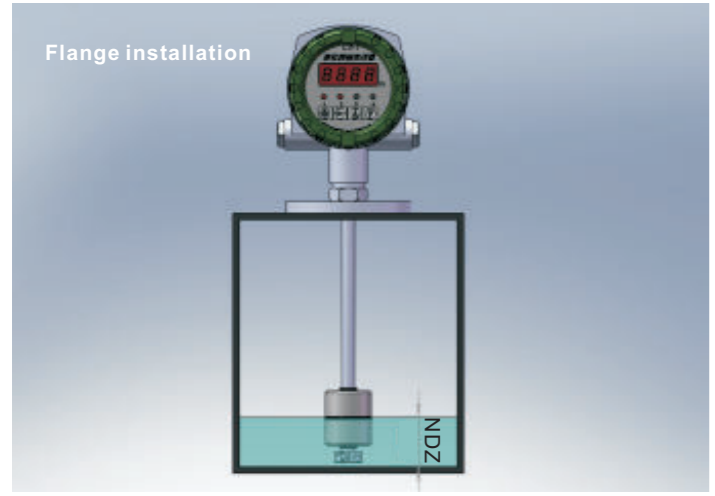
INSTALLATION



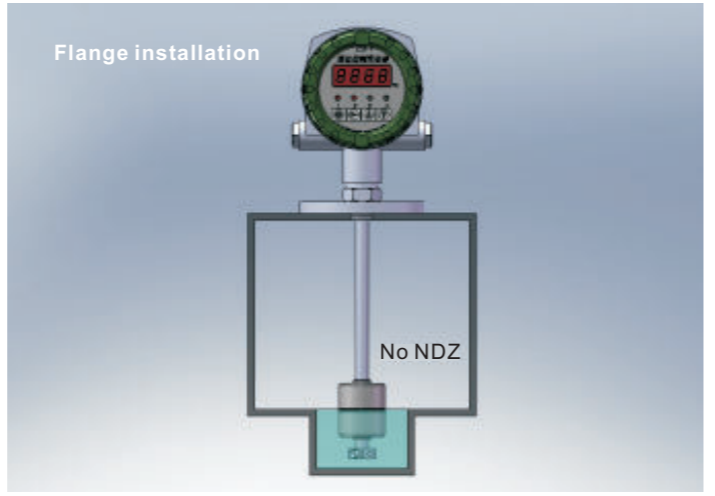
Thread installation
Suitable for tanks with removable cover. Need M20*1.5 on the cover.



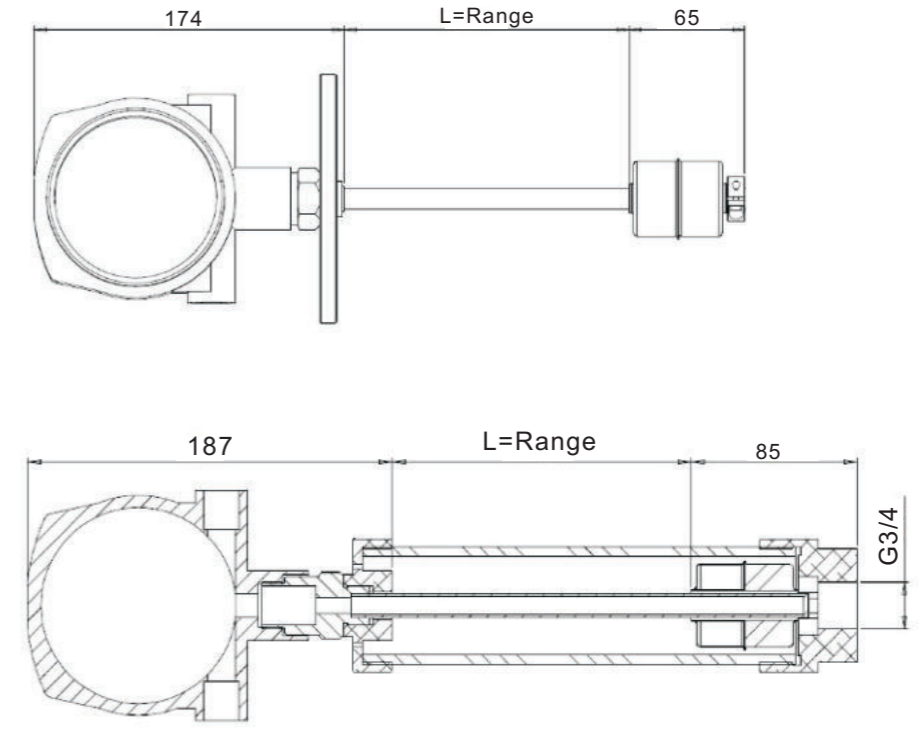
External installation
In case that there is no space for installation, an elbow is needed. Elbow and transmitter is connected by G3/4 internal thread.



Flange installation
Suitable for tanks with no removable cover. A hole shall be made on the cover according to size of flange. Flange dimension customizable.



Flange installation
In case that no NDZ in tank is required.



ORDERING CODE

GLT621					
Code	Range				
P	Probe 40mm~5000mm				
F	Flexible probe 50mm~20000mm				
Code	Output				
M1	4~20mA				
M2	RS485				
Code	Power supply				
D	24VDC				
A	220VAC				
Code	Installation				
T	Thread				
G	Flange				
E	External installation				
Code	Other				
S	Display				
W	Without display				
GLT621	F	M1	D	G	S