

# Non-Intrusive Ultrasonic Level Gauge

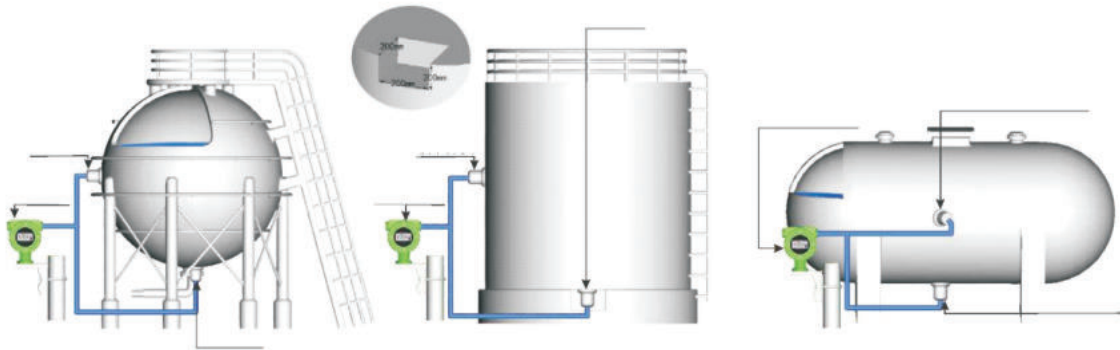
GaMicos

## GUT600



### FEATURES

- Non-contact, external measurement.
- Two Wires System
- Do not open the tank, the installation process is safe.
- Easy Installation
- Automatic debugging



Installation Instruction

### OPERATING PRINCIPLE

The Non-Intrusive Ultrasonic Level Gauge adopts the principle of ultrasonic echo ranging, uses the special probe externally attached to the container to collect ultrasonic signals, and uses the special algorithm to accurately calculate the liquid level position in the container.

The calculated liquid level value is displayed locally and the remote signal is output. The instrument can output the result to the control center through 4-20mA analog signal, Hart, RS-48S and other interfaces, and can also be debugged online through Hart, RS-485 / Modbus, infrared and other interfaces.

Butadiene	Propylene	LPG	Propane
Liquid ammonia	Methyl alcohol	Methylbenzene	Butadiene
98% sulfuric acid	Diesel	Gasoline	Naphtha
liquid chlorine	Iso-butane	Epoxypropane	Acetone
Sulfuretted hydrogen	Styrene	N-butane	Xylene
Silicon tetrachloride	Tert-butylamine	Chloroform	Acetaldehyde
Hydrogen fluoride	Hydrofluoric acid	Butane	Hydroxy nickel

## TECHNICAL PARAMETERS

Non.intrusive ultrasonic level gauge	Two Wires	Four Wires
Max Measuring Range	3m,5m,10m,15m,20m,30m,50m	
Measuring error	±5‰FS	
Temperature measurement range	-45℃ — +100℃	
Temperature measurement accuracy	1℃	
Signal Output	4 - 20mA ( Max 500Ω),HART,MODBUS	
Power Supply	DC 24V ( 22V-36V)	DC 24V ( 18V-30V)
Power consumption	< 1 W	
Communication	RS-485, Infrared,HART,MODBUS	
Sensor Ambient Temperature	-50℃ — + 100℃	
Ambient humidity	(0%-95%)RH	
Hazardous Area Approval	Exd IIC T6	
Protection Rating	IP65, IP67	
Electrical Connector	M20x1.5 ( F) 1/2 NPT ( F)	
Max Sensor length	5m, 10m, 15m, 20m, 25m, 30m	
Weight	2 KG	
Dimension	Length158mmxWidth122mm x Height148mm	

