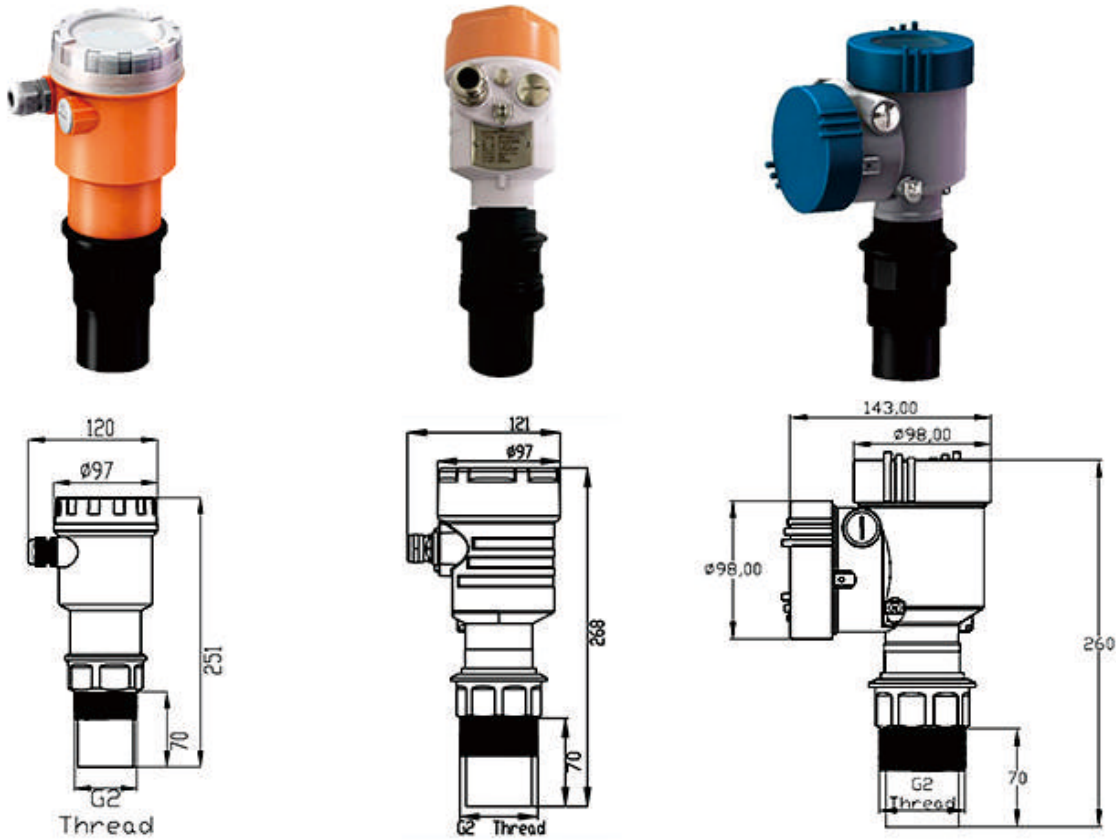


Ultrasonic Level Sensor

GUT806

GaMicos



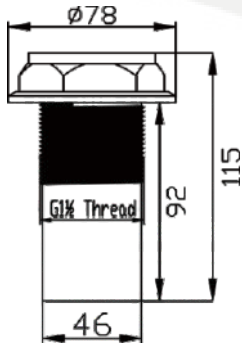
DESCRIPTION

GUT806 ultrasonic level sensor is a non-contact, high reliability, cost-effective, easy-to-install and maintain on-site measurement device. It is easy to operate, with on-site display, optional output signals like analog, switch, and RS485 to meet various applications. The housing shell can be made of die-cast aluminum, and protection grade can be IP67. It is applicable to the measurement of liquids and slurry and it is widely used in water treatment, municipal, chemical, metallurgy, machinery manufacturing and other industries.

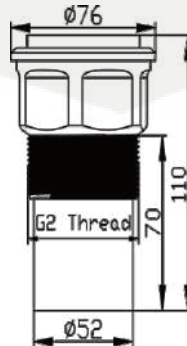
PRODUCT CHARACTERISTICS

- Non-contact continuous measurement, less maintenance;
- Automatic power adjustment, gain control and temperature compensation;
- Advanced detection technology and rich software functions to meet various complex environment;
- Multiple output; programmable relay output, high accuracy 4~20mA current output, RS485 digital communication output.
- Great directionality and high penetration ability, easy to gain more concentrated sound energy, long transmission distance

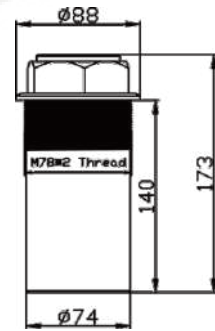
THREAD SIZE



G1½ Thread



G2 Thread



M78*2 Thread

TECHNICAL PARAMETER

Measurement range	5 m、10 m、15 m、20 m
Accuracy	0.5%-1.0%
Blind area	0.3~0.8 (depending on different range)
Resolution	3mm or 0.1% (take the bigger one)
Display	LCD
Analog output	4-wire 4~20mA/510Ω load 2-wire 4~20mA/250Ω load
Relay	AC 250V/ 8A or DC 30V/ 5A is optional; Can be programmed
Power supply	Standard configuration 24VDC Optional 220V AC+15% 50Hz Optional 12VDC
Temperature Compensation	Automatic
Environment temperature	Display : -20~+60℃ Probe: -20~+80℃
Communication	Optional RS485
Protection grade	Display: IP67,Probe: IP68
Probe installation	According to range and probe selection
Product consumption	Integrated type 4-wire is powered by 24V, the power consumption without relay is 80mA, and 2-relay is 150mA. Power as listed below: Without relay: 24×80mA=1.92W; 2 relays: 24×150mA=3.6W;
Product consumption	Integrated type 2-wire is powered by 24V, without relay, the power consumption is 20mA, The power is 24×20mA=0.48W ;

GUT806	Specification									
	Code	Sensor type								
	P	Standard type								
	T	Anti-corrosion type								
	Code	Measurement range								
	X X X	5、10、15、20 unit:m								
	Code	Output methods								
	I	4-20mA 2-wire (without relay output)								
	K	4-20mA 4-wire								
	M	RS485 communication (MODBUS-RTU protocol)								
	O	4-20mA+RS485								
	Code	Shell/protection grade								
	L	Die-cast aluminum/Single chamber/IP67								
	G	Die-cast aluminum/Double chamber/IP67								
	S	Plastic								
	Code	Probe installation size								
	G	Thread G1½,rated range 5m								
	H	Thread G2,rated range 5m、10m								
	J	Thread M78*2,rated range 20m								
	Y	Special agreement								
	Code	Power supply								
	D	DC power supply 24V								
	A	AC power supply (85-265) V								
	Y	Special agreement								
	Code	Relay output								
	R	Without relay output								
	R1	With a relay								
	R2	With 2 relays								
	Code	Electrical interface								
	N	M20*1.5 cable waterproof connector (Die-cast aluminum housing)								
	Code	Special agreement								
	X	Special agreement								
GUT806	P	X X X	K	L	H	A	R1	N	X	