

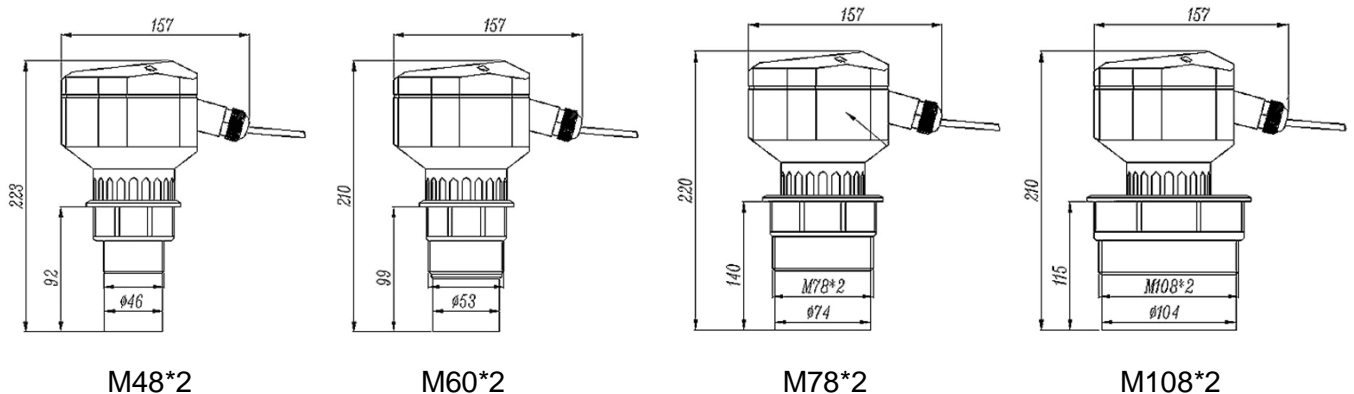


### PRODUCT PARAMATER



### Product Introduction

Ultrasonic level material place, liquid level meter, is a non-contact, high reliability, cost-effective, easy to install and maintain level measurement instruments. It does not have to contact medium and it can meet most of the requirement of level measurement, the new generation ultrasonic level meter is developed through our company's many years' efforts and our company own the completely independent property rights of it.



### PRODUCT PARAMATER



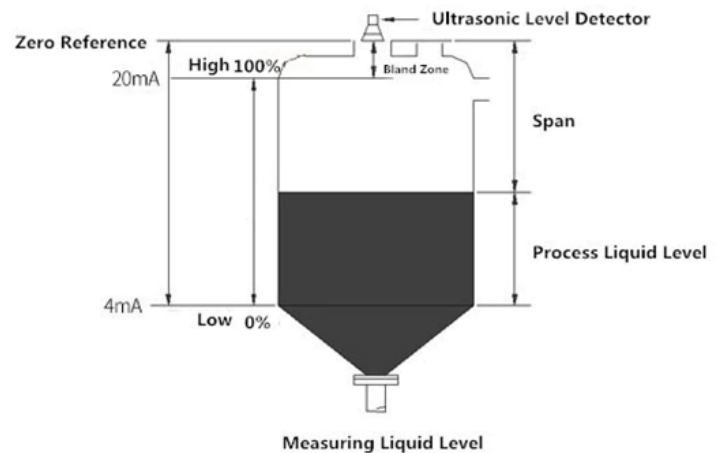
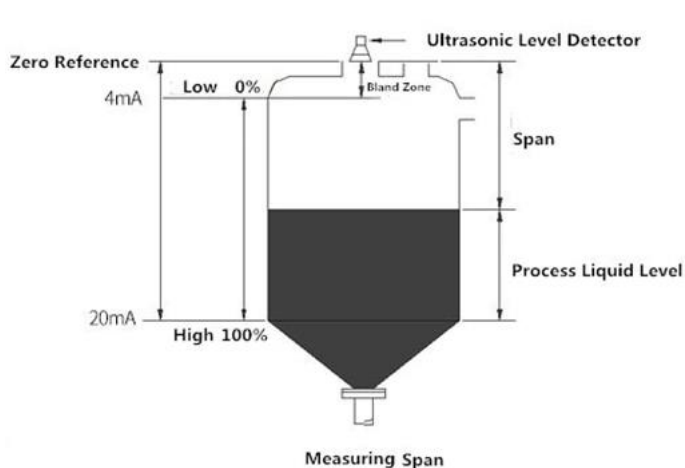
### Product Feature

- A: non-contact.
- B: built-in intelligent temperature compensation circuit, material level, liquid level, ranging, send a meter to complete.
- C: The ultrasonic level meter has built-in signal sub-plate processing unit to automatically eliminate false signals and ensure the data is true.
- D: Using multi-point emission circuit, the measurement result is more reliable, and the difficult problem of inaccurate level measurement is solved.

### PRODUCT PARAMATER



### Product Working Principle





Integrative Type	
Level Range	5M, 10M, 15M, 20M, 30M, 40M, 50M, 60M.
Accuracy	0.25%-0.5%F.S
Blind Zone	0.2-0.6m
Working Pressure	2 Bar (Explore Proof Type is 5 Bar)
Resolution	3mm or 0.1%F.S (Max of them)
Display	English language display:Level measurement, distance measurement, transmission value, ambient temperature, echo state, alarm display, algorithm selection.
Analog Output	4~20mA/250Ω load resistance (4 wire) 4~20mA/750Ω load resistance (2 wire,Optional)
Relay /Alarm Output	AC 250V/ 8A; DC 30V/ 5A; State programmable (optional for 4 wire)
Power Supply	24VDC 120mA 220VAC+15% (optional) 12VDC (available to offer power by motor, battery or solar power and so on, optional)
Environment Temperature	Meter: -20~+60°C Sensor: -20~+80°C
Communication	RS485 Communications (optional)
Explore Proof	Ex(ia)IICT6
Water Proof	Economic Type: IP65 Standard Type: IP66
Cable of Sensor	Null
Sensor Installation	By level range and model code
Store Request	Temperature: -20~+80°C Pressure: atmospheric pressure Humidity: ≤90%RH Others:Non-corrosive gases (optional corrosion probe) or steam, no vibration.



Segregated Type	
Level Range	5M, 10M, 15M, 20M, 30M, 40M, 50M, 60M.
Accuracy	0.25%-0.5%F.S
Blind Zone	0.2-0.6m
Working Pressure	2 Bar (Explore Proof Type is 5 Bar)
Resolution	3mm or 0.1%F.S (Max of them)
Display	English language display:Level measurement, distance measurement, transmissionvalue, ambient temperature, echo state, alarm display, algorithm selection.
Analog Output	4~20mA/750Ω load resistance 1~5 V (3 wires) 0~5 V (3 wires) 0~10 V (3 wires)
Relay /Alarm Output	AC 250V/ 8A; DC 30V/ 5A; State programmable (optional)
Power Supply	24VDC 120mA 220VAC+15% (optional) 12VDC(available to offer power by motor, battery or solar power and so on, optional)
Environment Temperature	Meter: -20~+60°C Sensor: -20~+80°C
Communication	RS485 Communications (optional)
Explore Proof	Ex(ia)IICT6
Water Proof	Meter: IP65 Sensor: IP68
Cable of Sensor	Standard: 10 Meters, Max to 200 Meters
Sensor Installation	By level range and model code
Store Request	Temperature: -20~+80°C Pressure: atmospheric pressure Humidity: ≤90%RH Others:Non-corrosive gases (optional corrosion probe) or steam, no vibration.



Product Order Selection Type Table				
Model	ULY___	Model number		
Range		R	Pressure Range	
			See range table	
Output		A	Singal output	
			4-20mA	
			0-5VDC	
			0-10VDC	
			0.5-4.5VDC	
Others.....(Pls contact us for customization)				
Accuracy		B	Accuracy	
			±0.5%FS	
			±0.3%FS	
			±0.25%FS	
			±0.1%FS	
Others.....(Pls contact us for customization)				
Power		C	Power supply	
			12VDC(9-24VDC)	
			24VC(15-36VDC)	
			Others.....(Pls contact us for customization)	
Connection		D	Threaded connection	
			M20*1.5	
			M14*1.5	
			G1/2	
			G1/4	
Others.....(Pls contact us for customization)				
Others		F	Other requirements	



Methane Tank



Agitator tank



Liquid level



Sewage lagoon



River



Wells



Water Tank