

# ULTRASONIC LEVEL METER



## DESCRIPTION

Ultrasonic level flow meter is engineered to measure the depth of liquid.

## APPLICATIONS

- Chemical
- Metallurgical
- Electricity
- Oil
- Water treatment

## FEATURES

- Smart sensors, RS485 communication
- Using special anti-corrosion material
- Blank and threshold voltage can be adjusted
- Built-in automatic temperature compensation
- The advanced echo analysis algorithm enables the sensor to adapt to various applications.

## TECHNICAL DATA

<b>Maximum Measurable Distance (Depending on the model)</b>	(1)05m; (2)10m; (3)15m; (4)20m; (5)25m; (6)30m; (7)40m; (8)50m; (9)60m
<b>Accuracy</b>	±0.5% of Rate
<b>Resolution</b>	(1)Range< 10m:05m (2)Range >10m:10m
<b>Frequency</b>	40 KHz
<b>Signal Output</b>	4-20mA
<b>Communication</b>	RS485(Optional)
<b>Power Supply</b>	220V AC / 24V DC
<b>Case Material</b>	PA6/ABS
<b>Blind Area</b>	0.2-0.9m
<b>Maximum Load</b>	750Ω
<b>Ambient Temperature</b>	-20°C...+55°C
<b>Protection</b>	Transmitter: IP 65 Probe: IP 68

## MODEL SELECTION

Model	Suffix Code							Description
SNU	①	②	③	④	⑤	⑥	⑦	Ultrasonic Level Meter
<b>Distance</b>	XX							05: 5m 10: 10m 15: 15m 60: 60m
<b>Power Supply</b>		AC						220V AC 4 wires only
		DC						24V DC 4 wires as default; 2 wires is optional
<b>Structure</b>			C					Compact Type with local display, max 2 relay output
			R					Remote Type: 10m cable default; 4 wires only, max 4 relay output
<b>Communication</b>				1				None
				2				RS485, under 4 wires connection
<b>Relay Output</b>					1			None
					2			One Relay Output
					3			Two Relay Output
<b>Probe Material</b>						A		ABS as default
						P		PVDF
						T		PTFE
<b>Explosion Proof</b>							A	Ex d IIC T6 Gb
							N	No Explosion Proof