



Display Unit



Ultrasonic Probe

**Introduction**

Remote version Ultrasonic Level Meter is that the level meter's electronic display unit (set parameters, display, the signal output) is separate from the ultrasonic sensor / probe connected by cable with each other, the ultrasonic probe is installed on the top of tank / container, the electronic unit can choose the installation location flexibly, in order to facilitate observation, operation.

**Applications**

- Water Tanks
- Chemicals
- Diesel
- Viscous Liquids
- Acids
- Oil

**Specifications**

<b>Display Unit</b>			
<b>Resolution</b>	1mm (range below 10m) 1cm (range beyond 10m)	<b>Measure error</b>	0.2%(full range)
<b>Display</b>	Two line 14-digit LCD with backlight	<b>Loading resistance</b>	0-500Ω
<b>Signal Output</b>	4 – 20 mA STD.	<b>Parameter setting</b>	Inductive buttons
	RS485 serial communication	<b>Relay</b>	Always on or off can be programmed
	HART	<b>Relay specification</b>	5A 250VAC/30VDC
<b>Shell materials</b>	ABS	<b>Relay Quantity</b>	2 STD
<b>Installation way</b>	Wall Mounted	<b>Protection</b>	IP67
<b>Relay output</b>	Upper and Lower limit alarm and control (level or fill lever) High and Low Level can be programmed.		
<b>Power supply</b>	DC:DC24V(±5%) 0.2A AC:AC220V(±20%) 0.1A		

<b>Ultrasonic Probe</b>			
<b>Working temperature</b>	-40°C ~ +75°C	<b>Protection</b>	IP68
<b>Shell materials</b>	STD. ABS PVC/PTFE optional	<b>Pressure range</b>	0.1Mpa
<b>Extended cable</b>	Standard length is 10 mtr.		
<b>Installation way</b>	Thread or Flange		

**Model selection**

Series	1 - Range	2 – Mounting	3 – M.O.C of Probe	4 - Output
NULT	5, 10, 15, 20 Mtrs.	F – Flange T - Thread	A – ABS STD. B – PVC Optional C – PTFE Optional	A – 4-20mA STD. B – 2 Relay STD. C – RS 485 Optional D – HART Optional



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