

HR9100T Integrated Ultrasonic Level Transmitter



I. Features

1. Stable and reliable: Using high-quality modules including the power supply part; selecting high-stability and reliable devices of the key components, which can directly replace imported instruments.
2. Patented technology : our patented sonic intelligent technology software enables intelligent echo analysis without any debugging or other special steps. This technology has the functions of dynamic thinking and dynamic analysis.
3. High precision: The patented acoustic wave technology of our company makes the accuracy of the ultrasonic level gauge greatly improved, the liquid level accuracy reaches $\pm 0.2\%$, and it can resist various interference waves.
4. Low failure rate, easy installation, and easy maintenance. The instrument is a non-contact instrument that does not directly contact the liquid, so the failure rate is low. The instrument is available in a variety of mounting styles. Users can calibrate by manual.
5. Multiple protection / instrument protection level of IP67; all input and output lines are protected against lightning and short circuit.

II. Specification

1. Measure range: 0-4m, 7m, 10m, 15m
2. Dead zone: 0.5m
3. Accuracy: $\pm 3\text{mm}$ or 3%, take the bigger one (standard condition)
4. Resolution: 1mm
5. Pressure: normal pressure and temperature
6. Operating temperature: -20°C -- $+60^{\circ}\text{C}$
7. Output: 4-20mA (Switch, RS-485 and HART optional)
8. Display: highlight character LCD display
9. Power supply: DC24V/AC220V, build-in LPS

10. Protection level: IP65

Specification

	Code						
	—□	□□	□	□	—□	□□	New Series
Function type	0						Two-wire
	1						Four-wire
Color		0					White
		1					Other
Sensor			0				Normal
			1				Anti-corrosion
			2				Customize
Switch Qty.				0			None
				1			Two
Power supply					D		DC
					A		AC（four-wire）
Measure range						00	0--20m