HR9100E Separate/ Integrated Explosion Proof Ultrasonic Level Transmitter

I. Features

1. Safety/Use die-cast aluminum alloy, waterproof and explosion-proof housing, instrument explosion-proof level is Exd(ia)ⅡBT4.

2. 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.

3. 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.

4. 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 0.3%, and it can resist various interference waves.

5. 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.

6. Multiple protection / instrument protection level of IP65; all input and output lines are protected against lightning and short circuit.

II. Specification

1. Measure range:0-10m(Each range can be set, special can be customized)

2. Dead zone：0.25m-0.5m

3.Accuracy：0.3%

4. Resolution：1mm

5. Pressure: under 3bar

6. Display: LCD display or with space distance

7. Output signal: 4-20mA four-wire

8. Digital output:RS485, Modbus or customized protocol

9. Power supply: DC24V/AC220V, build-in LPS

10. Environment temperature: -20℃--+60℃
11. Protection level: IP65

Specification

	Code					New Series
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Function type	0					Integrated
	1					Separate
Sensor		0				Normal
		1				Anti-corrosion
		2				Customize
Switch Qty.			0			None
			1			Two
Power supply				D		DC
				A		Special
Measure range					00	0--20m