

Smart Radar Liquid Level Gauge LS-901



Product Features:

The antenna size is small, easy to install; non-contact radar, no wear, no pollution

It is almost not affected by corrosion and foam; it is almost not affected by changes in water vapor, temperature and pressure in the atmosphere

The serious dust environment has little effect on the work of high-frequency objects

The wavelength is shorter and has a better reflection on the tilted solid surface

The beam angle is small, the energy concentration is concentrated, which enhances the echo ability while it is conducive to avoid interference

Measuring the blind spots is smaller, it will also achieve good results for the measurement of small cans

High signal-to-noise ratio, even in the case of fluctuations, can get better performance

The launch antenna is completely seafluoro, so it has a good effect on the measurement of the strong corrosive environment

Applications:

Liquid, especially suitable for strong corrosive liquids, various acid, alkaline storage tanks and other corrosive occasions.

Product Description

LS-901 radar liquid level sensor is a 26G high-frequency radar-type object measuring instrument, and the maximum distance can reach 10 meters. The radar antenna launches a narrow microwave pulse. This pulse is transmitted in space at the speed of light. After the antenna is transmitted downward, the microwave contact is reflected and returned by the surface of the measuring medium. Convert to a material signal. The instrument can be used for corrosive occasions such as strong corrosive liquids, various acids, alkaline storage tanks and other corrosive occasions.

Technical Parameters

Measuring range	10 m
Signal output	4~20mA/HART/Modbus
Signal line specification	2 Wire/4 Wire
Power supply voltage	24VDC (second-line) 24VDC/AC220V
Measurement accuracy	±5mm
Process temperature	-40~130℃
Process pressure	0.1~0.3MPa

Frequency Range	26GHz
Explosion -proof	Exia II CT6
Antenna material	Four fluoride
Protection level	IP67
Process connection	Thread/flange (optional)
Antenna structure	Stick -shaped
On -site display	4 -bit LCD LCD display