Высокочастотный радарный уровнемер NYRD-86

NYRD-86 High Frequency Radar Level Meter

High Frequency Radar Level Meter
Design features:
Small antenna size, easy to install; non-contact radar, no wear, no pollution
Hardly affected by corrosion or foam; hardly affected by changes in water vapor, temperature and pressure in the atmosphere.
Severe dust environment has little influence on the work of high frequency level gauge.
Shorter wavelength, better reflection on inclined solid surfaces
The beam angle is small and the energy is concentrated, which enhances the echo ability and helps to avoid the interference.
The measurement blind area is smaller, and good results can be obtained for small tank measurement.
High signal-to-noise ratio, even in the case of switching, can achieve better performance
High frequency is the best choice for measuring solid and low dielectric constant medium
Application:Strong corrosive liquid
Antenna material: PFA
Measuring range: 30 meters
Frequency range: 26GHz
Accuracy: ±5mm
Medium temperature: -40 to +130 °C
Process pressure: -0.1~1.0Mpa
Power supply: 24vDC (two-wire, four-wire optional)
Signal output: 4...20mA/HART (two lines/four lines)/ RS485/Mod bus
Process connection:Flange
Protection level: IP67
Explosion-proof grade: Exia IIC T6 Ga