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Волноводный радарный уровнемер NYRD-701

NYRD-701 Guided Wave Radar Level Sensor



Design features

Guided wave radar level gauge adopts advanced microwave processing technology and unique Echo Discovery echo processing technology. Contact measurement has high accuracy and more accurate measurement. At the same time, guided wave radar is anti-adhesion, not affected by external environment such as medium temperature and adhesion.

The 70X series guided wave radar level gauge is suitable for various complex working conditions and application occasions due to various process connection modes and detection components. For example, high temperature, high pressure and low dielectric constant medium, etc.

Using pulse mode, the product can be installed in all kinds of metal and non-metal containers with very low emission power, which is harmless to human body and environment.

3. Technical parameters

Application: Liquid, Powder, Solid particles

Antenna material: 304/PTFE/Flexible cable

Measuring range: 30 meters

Frequency range: 1.8GHz

Accuracy: $\pm 1\text{mm}$

Medium temperature: -40 to $+130$ °C; -40 to $+250$ °C

Process pressure: $-0.1 \sim 4.0\text{Mpa}$

Power supply: 24VDC (two-wire, four-wire optional)

Signal output: 4...20mA/HART (two lines/four lines)/ RS485/Mod bus

Process connection: Thread

Protection level: IP67

Explosion-proof grade: Exia IIC T6