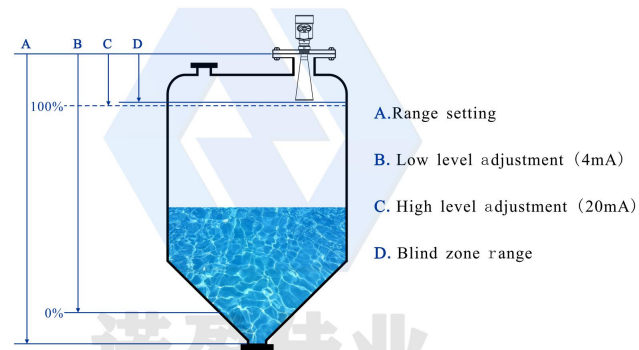


26G Radar Level Meter

The radar level meter NYRD80X series sensor is a 26GHz high-frequency radar level measuring instrument with a maximum measurement distance of 80 meters. The antenna is further optimized, and the new fast microprocessor can perform higher-speed signal analysis and processing, so that the instrument can be used for some complex measurement conditions such as reaction gold and solid silos.

Working principle

The radar level meter NYRD80X series sensor is a 26GHz high-frequency radar level measuring instrument with a maximum measurement distance of 80 meters. The antenna is further optimized, and the new fast microprocessor can perform higher-speed signal analysis and processing, so that the instrument can be used for some complex measurement conditions such as reaction gold and solid silos.



Datum of measurement: the sealing surface of the underside of the thread or flange.

Note: when using radar object level timing, make sure that the highest material level cannot enter the blind area of measurement (the area shown in D).

Design features

- ① Antenna size is small, easy to install, non-contact radar, no wear, no pollution.
- ② Almost impervious to corrosion and foam. Not affected by medium density, temperature and pressure change.
- ③ Serious dust environment has little effect on the work of high frequency level meter.
- ④ Shorter wavelengths, better reflection of sloping solid surfaces.
- ⑤ Beam Angle is small, energy concentration, enhance the echo ability at the same time is conducive to avoid interference.
- ⑥ The measurement blind area is smaller, and good results can be achieved for small tank measurement.
- ⑦ High signal-to-noise ratio, even in the case of fluctuations can achieve better performance.
- ⑧ High frequency, is the best choice for measuring solid and low dielectric constant media.