

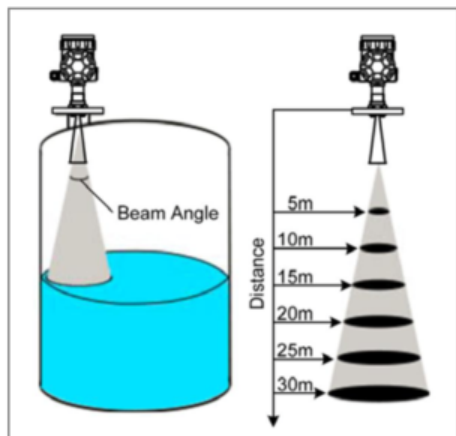
KRG radar level transmitters



KRG Serie

KRG serie includes radar level transmitters. Using 26GHz microwaves*, the liquid reflect them back to the instrument. The travel time, proportional to the distance between the surface and the gauge, is processed by the instrument electronics and generated an output signal. KRG instrument works in a non-contact and a non-mechanical way, so:

- It has a least request of maintenance for longterm
- It can't be damaged by the process liquid
- It has a long durability



Application fields

KRG Series can be used for:

- Tank level measurement
- Natural and artificial basins level measurement
- Level measurement for aggressives fluids
- Fire protection system monitoring
- Flow-rate for open channels.

General futures

- "Full range search mode" function boosts detection speed and tracks up to 2 m/s level change
- Delayed echo generated by multi-bounce between liquid surface and tank will be eliminated
- In case of disturbed input signal, KRG can predict output signal by analyzing data reported previously
- Possibility to calculate level and flow-rate of open channels
- Level measurement up to 30 meters with ± 2 mm accuracy (depending by sensor type)



* Electromagnetic waves with frequencies between 300 MHz and 300 GHz