

Ensim Guided Wave Level Transmitter EGW



Ensim's Guided Radar Level Transmitter are commonly used in difficult applications given their capability in providing reliable and accurate measurement despite the difficult environment such as dust or noise, while not being affected by any accumulation or condensation.

Working Principle:

High frequency microwave pulses are guided along a steel probe or rod that is submerged into the liquid or solid.

The waves are then reflected as they hit the product surface and is sent back into the sensor.

The flight time of the signal is calculated (between sending and detecting time), and is directly proportional to the level.



Advantages:

- Reliable and accurate
- Easy to setup
- Durable mechanical construction
- High temperature models available



Applications:

- Volatile liquids, foamy liquids, viscous liquids, boiling and foaming liquids, crude oil tanks.

