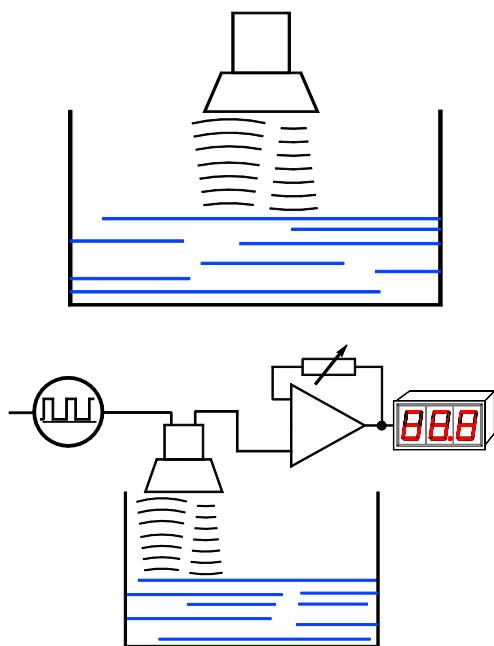


## TECHNOLOGY



### Principle of measurement.

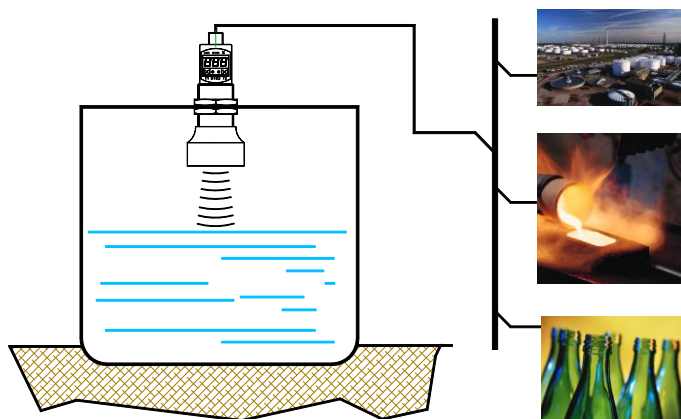
Measure of the level and distance with ultrasonic technology, based on the principle of proportionality between the propagation time of the signal and the distance from the obstacle. No contact between the sensor and the monitored product, both liquid and solid or granular.

### Electronics.

The transducer emits a series of ultrasonic pulses that are reflected from the surface of the medium to be controlled. An electronic circuit measures the return time of the ultrasonic pulses and converts them into a signal proportional to the distance.

The internal processor processes the data related to the distance and sends it in digital form to the local display and analogue output connector.

## FIELDS OF APPLICATION



- Level monitoring of liquids in storage tanks.
- Activation of audible or visible alarm.
- Starting and stopping pumps.
- Dosing and Mixing.
- Control of drinking water on boats.
- Milk, beer and beverage industry.
- Water treatment plants.

## ADVANTAGES

- Simple structure device.
- Long service life.
- Maintenance free.
- Built-in electronics

## TECHNICAL DATA

Concept	Measurement of the signal return time
Process connection	M30 x 1,5
Type of connection	Threaded
Working temperature	- 25°C ÷ +70°C
Output signal	4-20mA 0-10V
Measuring range	Up to 8 meters
Materials	Brass – Stainless steel

## EXECUTIONS

- **IP67 Protection**  
LCD local indication  
M12 x 1 (5 poles) output plug.