



Comparing Diesel Level Sensor Technologies

Choose the best sensor for your fuel management needs.



Capacitance (CAP10)

- High resolution and linearity
- Ultra-low power consumption, ideal for battery/solar-powered IoT
- Cost-effective solution

Choose CAP10 for small-to-medium tanks, cost-sensitive projects, and environments with stable fuel conditions and good maintenance.

Radar (RLC)

- Non-contact measurement, unaffected by fuel type or contaminants
- No need for calibration by fuel type
- Reliable under harsh outdoor conditions
- Versatile for tanks with complex shapes

Choose RLC for long-term stability, outdoor use, large tanks, or when avoiding calibration and minimizing environmental sensitivity is critical.



Discover more at <https://iot.daviteq.com>