

LPG TELEMETRY SOLUTION







# LPG Bulk Tank Level Monitoring

The Kryohm LPG Level Sensor is a wireless, battery-powered device that continuously monitors the level of bulk LPG tanks. Inherently safe and built for the field, it streams live level data to the Kryohm Cloud, so refills are planned around real demand and tanks never run dry unexpectedly.



Kryohm LinkCore wireless level sensor

KEY CAPABILITIES

 <p><b>Up to 5 years</b> Long-life replaceable battery</p>	 <p><b>Sigfox, LoRa &amp; NB-IoT</b> Wireless, no cabling needed</p>	 <p><b>Up to 6 tanks</b> Monitored per device</p>
 <p><b>Event triggers</b> Automatic real-time alarms</p>	 <p><b>Intrinsically safe</b> Ex ib IIB T4 Gb certified</p>	 <p><b>Cloud dashboards</b> Live data, logs &amp; reports</p>

## APPLICATIONS

- Vertical & horizontal bulk LPG tanks
- Dumpies & exchange cylinders
- Industrial gas level sensing
- LPG skid plants & depots

## KEY FEATURES

- Monitors up to 6 tanks from one device
- Hall-effect float level sensing
- Configurable event notification triggers
- Intrinsically safe for hazardous areas

SMARTER LPG LOGISTICS

Plan every refill around real demand, not guesswork.

NO.2

NO.1

### How It Works



The LPG Level Sensor uses a hall-effect module to detect the position of the tank float, measuring the volume of gas inside the tank. It works equally on vertical tanks, horizontal tanks and dumpies. Readings are transmitted over Sigfox, LoRa or NB-IoT to the Kryohm Cloud and shown on a clear dashboard.

The result is real-time remote visibility and a full history of every tank, giving distributors and end-users accurate level data at all times.

SMART EVENT NOTIFICATIONS

Event triggers raise an automatic alert as a tank approaches a low level, so a refill is scheduled well before the supply runs out.

### Key Advantages



#### Eliminates Emergency Deliveries

Live level data lets you schedule refills around actual usage, avoiding sudden run-outs and rushed call-outs.



#### Reduces Operational Cost

Fewer site visits, optimised delivery routes and no manual dipping save time and money.



#### Improves Site Safety

Intrinsically safe certification and remote monitoring reduce the need for staff to access hazardous tank areas.

### Technical Specifications

Measurement method	Hall-effect float sensing	Tanks per device	Up to 6
Connectivity	Sigfox / LoRa / NB-IoT	Battery life	Up to 5 years (replaceable)
Ingress protection	IP65 (dust & water resistant)	Hazardous-area rating	Ex ib IIB T4 Gb
Device operating temp.	-20°C to +40°C	Alerts	Configurable event triggers
Data platform	Kryohm Cloud dashboards	Mounting	External wall-mount enclosure