

## LPG tank monitoring - Ratiometric



### ABOUT


This sensor is an ATEX device for monitoring tank levels via a Rochester probe. It enables you to avoid stock-outs and anticipate replenishment.

The sensor takes 4 daily readings and stores one measurement per hour, which it transmits during the daily readings.

The information can be viewed directly on the DESK & SENS platform, and level alerts can be configured.



### TECHNICAL DESCRIPTION OF THE SENSOR

Model	Value	Model	Value
Power supply	3.6V Lithium Thionyl Chloride Exi "Bobbin type" construction	Dimensions	130mm x 125mm x 61mm (excluding external cable gland/connector)
Battery life	<b>5 or 10 years (depending on the number of readings)</b>	Option	Junior dial / Senior dial
Network	2G, LTE CAT-M1 or NB-IoT with GPS EGPRS: 850/900/1800/1900MHZ	Weight	350g
Operating temperature	-30°C to +55°C	Protection class	IP68 overmoulded
Frequency of readings	4 daily readings + 1 measurement per hour stored in memory	Certification	Certification RED ATEX Zone II 1 G-Ex ia IIB T4 Ga [-30 < Ta < +55°C / -22°F to 131°F] ] and IECEx/Hazloc equivalents (Excludes D Cell) 
Liquid	<ul style="list-style-type: none"> <li>- Fuel (petrol, diesel, jet fuel, other).</li> <li>- Oil and used oil, lubricants, coolants, additives.</li> <li>- Water, chemicals (subject to compatibility).</li> </ul>	Compliance	CE, IECEx, RoHs, RED
		Measure	Ratiometric

## USE CASES

**Remote monitoring** of liquefied gas levels in a tank via a Rochester probe.

**Configurable level** alerts depending on the monitoring system (monitoring received by SMS or email (or both)).

**A history enables** you to retrace the last month/week/day (or customised date) of the level of the tank.

## ADVANTAGES OF THE SENSOR

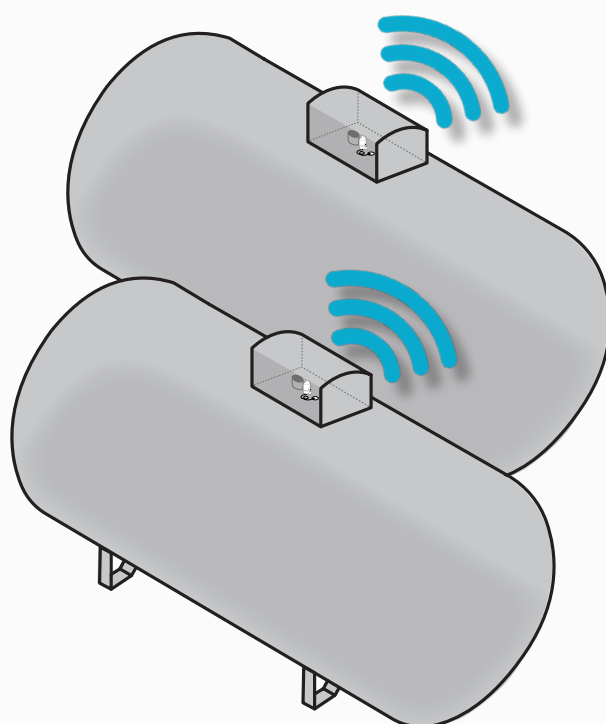
Easy remote monitoring of equipped sites from a professional interface.

Identify missing products quickly and set up a rapid restocking system.

Traceability and history of requests and actions at each site.

Alert system (e-mails, SMS and push notification) to warn technicians site managers to avoid stock-outs.

Create an order directly from interface.



## BUSINESS INFORMATION

Commercial designation	Product name	Item code
Jauge TEK822_RATIO	Rochester LPG level gauge TEK 822 Junior dial	CAP-NIV-TEK-822JR
Jauge TEK822_RATIO	Rochester LPG TEK 822 level gauge Senior dial	CAP-NIV-TEK-822SR