

## LPG METERING - METERIO - PULSE-TEKIO 825

### ABOUT

This sensor is an ATEX device for monitoring gaz metering via a pulse system. It enables you to invoice customer & follow consumption. The sensor has 2 pulse counting channels for a dry contact.

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
Power supply	3.6V Lithium Thionyl Chloride Exi "Bobbin type" construction
Battery life	<b>5 or 10 years (depending on the number of readings)</b>
Network	LTE CAT-M1 or NB-IoT with GPS EGPRS: 850/900/1800/1900MHZ
Operating temperature	-30°C to +55°C
Frequency of readings	4 daily readings + 1 measurement per hour stored in memory
Type of measurement	- Gaz (LPG, etc) Water

Model	Value
Dimensions	130mm x 125mm x 61mm (excluding external cable gland/connector)
Option	Pulse adapters
Weight	350g
Protection class	IP68 overmoulded
Certification	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) 2014/34 EU
Compliance	CE, IECEx, RoHs, RED
Measure	Pulse counting

## USE CASES

- **Remote level metering :** Metering gaz.
- **Configurable level alerts:** Set custom alerts based on the monitoring system (consumption or fill monitoring), with notifications sent by SMS, email or both, to ensure timely awareness.
- **Full history tracking:** Access detailed historical data, allowing you to review activity over the month, week, day or a customised period to improve analysis and decision-making.

## ADVANTAGES OF THE SENSOR

-**Remote monitoring:** Use a professional interface for simple remote monitoring of equipped sites.

-**Proactive replenishment:** Identify low tank levels and implement a rapid replenishment system to ensure uninterrupted supply.

-**Full traceability:** Access full traceability and a history of requests and actions at each site, to improve operational transparency.

**Advanced alert system:** Benefit from an integrated alert system, including email, SMS and push notifications, to quickly inform technicians and site managers, to avoid stock-outs.



## BUSINESS INFORMATION

Commercial designation	Product name	Item code
TEK825_PULSE gauge	Smart sensor metering TEKIO 825	CAP-NIV-TEK-825