

PRESSURE TELEMETRY SOLUTION







Remote Pressure Monitoring

The Kryohm Pressure Monitoring Sensor is a wireless, battery-powered device that tracks the status of adjustable pressure switches on LPG and gas lines. When line pressure drops below a set point, the sensor raises an instant alert through the Kryohm Cloud, so a loss of pressure is known the moment it happens.



Kryohm LinkCore wireless monitoring device

KEY CAPABILITIES

 <p>Up to 5 years Long-life replaceable battery</p>	 <p>Sigfox, LoRa & NB-IoT Wireless, no cabling needed</p>	 <p>Up to 4 switches Monitored per device</p>
 <p>Event triggers Automatic real-time alarms</p>	 <p>0.2 to 2.5 bar Adjustable trip pressure</p>	 <p>Intrinsically safe Ex ib IIB T4 Gb certified</p>

APPLICATIONS

- LPG reticulation networks
- Bulk gas supply lines
- Gas regulator & manifold stations
- LPG skid plants & depots

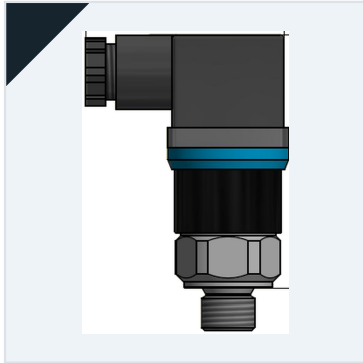
KEY FEATURES

- Monitors up to 4 pressure switches per device
- Adjustable falling-pressure setpoint
- Rugged SPDT electromechanical pressure switches
- Configurable event notification triggers

ALWAYS-ON PRESSURE VISIBILITY

Know the moment a gas line loses pressure.

How It Works



F4 adjustable pressure switch

Each F4 pressure switch is plumbed into the gas line and set to a chosen trip pressure between 0.2 and 2.5 bar. When the line pressure falls below that point, the switch changes state and the Kryohm sensor detects it immediately.

The reading is sent over Sigfox, LoRa or NB-IoT to the Kryohm Cloud, where pressure status and history appear on a clear dashboard. A single sensor monitors up to four switches at once.

SMART EVENT NOTIFICATIONS

The moment a pressure switch trips, an automatic alert is raised, turning a silent loss of pressure into an immediate, actionable warning.

Key Advantages



Prevents Supply Disruptions

Instant alerts on pressure loss let teams act before a gas outage reaches customers.



Improves Site Safety

Early warning of pressure drops helps protect hazardous gas installations and the people working around them.



Reduces Manual Checks

Remote monitoring removes routine site visits to inspect pressure gauges and switches.

Technical Specifications

Switches per device	Up to 4	Switch type	F4 electromechanical, SPDT
Adjustable pressure range	0.2 to 2.5 bar	Trigger condition	Falling pressure (set point)
Switching accuracy	±4% of full scale	Switch working temp.	-25°C to +85°C
Switch maximum pressure	25 bar	Sensor connectivity	Sigfox / LoRa / NB-IoT
Sensor battery life	Up to 5 years (replaceable)	Sensor ingress protection	IP65 rated
Sensor hazardous rating	Ex ib IIB T4 Gb certified	Data platform	Kryohm Cloud dashboards