MOBILTEX

Abriox® OSPREY-SP

SOLAR-POWERED GAS PRESSURE REMOTE MONITOR

Abriox
a MOBILTEX brand



VERSATILE PLUG-N-PLAY SOLUTION FOR GAS PRESSURE MONITORING APPLICATIONS IN REMOTE LOCATIONS

A solar-powered multichannel Remote Pressure Monitor that can be installed in pressure regulating stations, district governors and city gates to monitor gas pressure up to 1450psi.

A total of 3 pressure channels are available [OSPREY-MCA add-on required] which enables multiple pressure monitoring for a complete overview of the network performance; inlet/outlet of pressure regulating stations and filter differentials.

Data is transmitted automatically or on-demand to the PressureTrac® system for displaying, interpreting and archiving the results, including easy export into 3rd party network management software and other business systems.

OSPREY is extremely versatile – in addition to routine pressure monitoring the device can be deployed in Incident Evaluation Mode (IEM) as a plug-and-play solution for monitoring alarm situations including poor pressure, blockages, ingress or non-routine operations on the gas distribution network. The simple IIoT system deployment and full autonomy with extended runtimes also make the platform an ideal solution for critical system monitoring redundancy in regions that are at risk of impacts from natural disasters.

The unit can be remotely accessed directly giving accurate pressure in real-time. Simply fix the unit in place, connect it to the gas supply and activate — from that moment on, everything is automatic. The whole process can be done in 20-30 minutes at-site and in any conditions with a confirmed signal.

A key feature of OSPREY is its inbuilt GPS module which provides timing reference so that measurements are logged precisely, with no drift or offset. No manual data cleansing is required. GPS also enables the software to identify its geographic location automatically, ensuring that data is always uniquely identified with the correct monitoring point.

FEATURES OF OSPREY-SP

- Integrated pressure channel options : 1.45psi, 14.5psi, 43.5psi, 145psi & 1450psi
- Add 2 additional pressure channels with OSPREY-MCA peripheral
- Instant reading to cell phone
- Custom high/low alert thresholds
- Ambient temperature monitoring
- Inbuilt GPS timing and location
- Intuitive auto-installation routine
- Automatic daily upload
- Up to 5 year battery life



READY TO SPEAK TO ONE OF OUR PRODUCT SPECIALISTS?

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