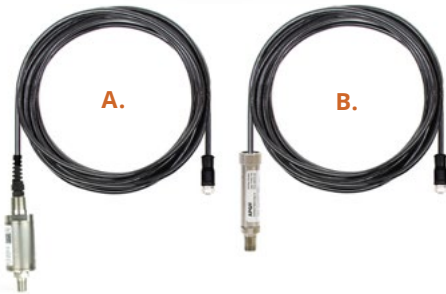


WAVELET PIPELINE KIT



Wavelet Pipeline Monitoring Kits include the following, along with the specified pressure sensor:

- Wavelet Device & Activator
- 4G (LTE), 3G, 2G, Global SIM Card
- Internal Lithium Battery
- Installation Hardware
- External Power Connector
- **WA00141** 3 m (10-ft) Discrete Port Cable

Model No. WA3111-SE00061-WA00141

- **A. SE00061** Intrinsically Safe Pressure Sensor – Oil & Gas Pipeline, 0-670 bar (0-10,000 psi), 4.5 m (15-ft) Cable

Model No. WA3111-SE00112-WA00141

- **B. SE00112** Pressure Sensor – Water Pipeline, 0-13.8 bar (0-200 psi), 4.5 m (15-ft) Cable

SUMMARY

Whether used for oil, gas, source water, or produced water pipeline applications, the Pipeline Kit delivers end-to-end, streamlined solutions for pressure and flow monitoring. The Kit is designed for operation in challenging and remote locations. Avoid potential pipe leaks and bursts or identify existing ones to contain contamination and avoid regulatory fines. Mitigate losses of valuable commodities and environmental impact. Improve system pressurization and pump and compressor performance to extend equipment lifetime.

The Pipeline Monitoring Kit consists of a fully-autonomous Wavelet data acquisition system integrated with a pressure sensor suitable for high pressure and high temperature conditions. The Kit is particularly suitable for applications requiring intrinsic safety as well as for the monitoring of water and produced water pipelines. It can also be integrated with a client-provided flow meter.

FEATURES

- ▶ Real-Time SMS & Email Alerts
- ▶ Extended Battery Lifetime
- ▶ Plug-and-Play Installation

APPLICATIONS

- ▶ Mitigate Pipe Leaks & Bursts
- ▶ Pressure Management
- ▶ Improve Pump Energy Efficiency

SENSOR SPECIFICATIONS

A. Pressure Sensor – Oil & Gas Pipeline

Range	0 – 689 bar (0 – 10,000 psi). Other ranges available upon request.
Accuracy	±0.25% of full span
Response Time	< 5 ms
Operating Temperature	-40°C to 85°C (-40°F to 185°F)

B. Pressure Sensor – Water Pipeline

Range	0 – 13.8 bar (0 – 200 psi). Other ranges available upon request.
Accuracy	≤ 0.25% of full span
Operating Temperature	-40°C to 82°C (-40°F to 180°F)

Input for Customer Provided Flow Meter

# Inputs	2
Input Types	Dry Contact, Open Collector Modbus over RS485/RS232 also available upon request.
Max. Frequency	30Hz