

APM-1

REMOTE MONITORING FOR TEST STATION COMPLIANCE DATA

BE THERE. WITHOUT HAVING TO GO THERE.

Pipeline CP test stations aren't often located in easy-to-access places. The Elecsys APM-1 gives you the ability to remotely monitor pipeline voltage potentials, providing assurance of adequate protection regardless of changes in the environment or the cathodic protection system, or distance from the site.

The Elecsys APM-1 is the best compliance monitoring solution for small- or large-scale operations because of its unique proposition: low initial cost, low lifetime cost, simple installation, and rugged construction. It all adds up to a one-of-a-kind value.

APPLICATIONS



Continuous assurance of adequate corrosion protection on natural gas distribution service lines.



Voltage potential measurements from restricted access testpoints.



Timely and reliable data acquisition for regulatory compliance.



Applicable to galvanic or impressed current cathodic protection systems.

Ideal solution for pipeline cathodic testpoints where access is difficult due to remote location, uncooperative landowners, fenced-in or gated communities.



APM-1

Key Features:

- 10 years of monitoring service included in price of hardware – no extra costs or subscriptions.
- Connectivity provided over reliable Elecsys Connect system, regularly delivering essential compliance data from remote locations.
- 10-year lithium battery means it's a set-and-forget solution – no additional service required.
- Installs in minutes with simple two-wire connection.
- Five-year warranty assures dependable performance for years to come.



RUGGED REMOTE MONITORING FOR THE REAL WORLD.

Get reliable compliance monitoring data when access isn't an option. Install it once, and it pays you value month after month. Ten years of monitoring is included in the cost of the hardware. Surge-resistant circuit design and ruggedized construction ensures consistent performance in the most demanding situations.

APM-1 benefits:

- Achieve significant cost reductions in compliance data acquisition. Typical ROI is less than 1 year.
- Reduce trips to remote field locations by valuable personnel.
- Focus work on proactive preventive maintenance and improvement.
- Aggregate system-wide test station compliance program onto a cloud-based platform with 24/7 data access from any web-enabled device.


PRODUCT SPECIFICATIONS

Part Number	APM1-N11 AT&T LTE-M APM1-N12 Verizon CAT-M
Input Connections <i>(All connection wires are insulated. Be certain all wire connections are properly secured and fastened with the appropriate cord anchorage.)</i>	Pipeline Structure - Red Wire Reference Electrode - Black Wire
Measurement Range:	0.5VDC to -10VDC
Resolution:	1mVDC
Power	"D" size Li-SOCL2 Lithium battery (10-year battery life) with Hybrid Layer Capacitor
Operating Environment	Temperature: -30°C to +70°C Humidity 0-95% non-condensing
Enclosure	NEMA 4x, IP66 rated 6.33" (16.8cm) x 3.57" (9.1cm) x 2.46" (6.25cm)

MAJOR MARKETS

 OIL

 GAS

 WATER

 CATHODIC PROTECTION



“
THE APM-1 ELIMINATES
WORRY AND ALLOWS
MY TEAM TO FOCUS ON
MORE PRODUCTIVE TASKS.
”

Manufactured in the USA

Copyright © 2021
Elecsys International

846 N. Mart-Way Ct.
Olathe, KS 66061
913-647-0158
www.elecsyscorp.com

ELECSYS[™]
A LINDSAY COMPANY

To learn more, please visit us at elecsyscorp.com or call 913-647-0158