

# WATCHDOG RANGER

**PUT REMOTE  
RECTIFIER  
MONITORING IN  
THE FIELD...**

**WITHOUT PUTTING  
A DENT IN YOUR  
BUDGET.**

BASIC RECTIFIER REMOTE  
MONITORING SYSTEM



## KEY BENEFITS

- Compliance measurements
- Alarm notification of rectifier failure
- Very low cost
- Rugged, reliable
- Capable of operating on external power or internal battery
- 24/7/365 web interface



“  
REMOTE MONITORING  
OF IMPRESSED CURRENT  
RECTIFIERS IS A HUGE  
TIME-SAVER.  
”

## DEPENDABLE. FIELD-PROVEN. ESSENTIAL.

**Monitor basic rectifier function with Elecsys Watchdog Ranger, the easy to install, economical solution.**

Properly operating rectifiers are an essential part of impressed current cathodic protection systems. Remote monitoring of rectifier function is essential to avoid corrosion problems. The question is how to do it cost-effectively.

Elecsys Watchdog Ranger is a low-cost basic rectifier monitoring solution that's ideal for monitoring multiple sites. Pre-configured and easy to install, Watchdog Ranger is ruggedly built for demanding conditions (as all Elecsys products are) and field-proven for reliability. Ranger features:

- Basic CP rectifier monitoring
- Modest investment, ideal for multiple sites
- Surge-resistant circuitry
- Factory configuration and easy installation
- Dedicated analog channels for voltage and current emanating from the rectifier
- Long-life lithium battery (for backup or primary power)



Buried pipelines are often located along high voltage transmission line right of ways. The resulting induced voltages may create safety hazards and accelerate corrosion.



Inadequate cathodic protection due to rectifier failure or power outages can allow corrosion to damage buried pipelines. Continuous monitoring of proper rectifier functioning can give pipeline operators the knowledge to respond quickly to concerns.



### WATCHDOG RANGER

#### Key Features:

- Battery, AC, or DC power
- Pre-configured for easy installation
- Rugged construction

Manufactured in the USA

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