

WATCHDOG *RANGER*

Basic rectifier remote monitoring system



PUT REMOTE RECTIFIER MONITORING IN YOUR FIELD WITHOUT PUTTING A DENT IN YOUR BUDGET.

Monitor rectifier regulatory compliance data with the Lindsay Watchdog Ranger, the simple, economical solution. Properly operating rectifiers are an essential part of impressed current cathodic protection systems. Continuous monitoring of rectifier function is essential to avoid corrosion problems - and remote monitoring saves valuable labor costs. Lindsay Watchdog Ranger is a low-cost basic monitoring solution that's ideal when you have multiple sites to monitor. Pre-configured and easy to install, Watchdog Ranger is ruggedly reliable and field-proven for durability.



KEY FEATURES:

- + Cost-effective remote monitoring
- + Simple, user-friendly system
- + Flexible power source options
- + Pre-configured easy installation
- + Rugged construction
- + Lightning/power surge-resistant circuitry
- + Monitor multiple locations
- + Lower labor costs by reducing number of field visits

APPLICATIONS

 Impressed current cathodic protection	 Storage Tanks	 Passive galvanic cathodic protection	 Production fields	 Water utilities	MAJOR MARKETS + Oil + Gas + Water + Electrical
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SAVE TIME. STAY COMPLIANT. GET PEACE OF MIND.

Monitoring cathodic protection systems helps ensure compliance, prevent corrosion, and increase safety. It's essential that the appropriate current is constantly supplied to protect pipelines and other vulnerable installations. Lindsay Watchdog Ranger is the low-cost solution that delivers high value and priceless protection.

WATCHDOG RANGER BENEFITS:

- + Compliance measurements
- + Increased safety
- + Alarm notification of rectifier failure
- + Budget friendly cost
- + Rugged and reliable in harsh environments
- + Flexible power source options
- + 24/7/365 web interface

**Remote monitoring
of impressed
current rectifiers is
a huge time-saver.**



POWERED BY

ELECSYS+CONNECT™

Web and mobile data access

Elecsys Connect gives you access to all your remote monitoring units (RMUs) in one easy-to-use application. Viewable on a smart phone, tablet, or computer - anywhere you have web access - see what's happening with rectifiers, lift stations, test points and transducers in the field.

PRODUCT SPECIFICATIONS

Communications	+ Digital cellular
Operating Environment	+ Temperature: -40°C to +70°C + Humidity: 0-95% non-condensing + Enclosure: NEMA 4X polycarbonate
Power	+ 10-25VAC external power + 9-30VDC external power + Primary Lithium Thionyl Chloride internal battery
Enclosure	+ 4.8" (12.2cm) x 4.5" (11.5cm) x 4.1" (10.5cm)
Inputs	+ Channel 1 - Rectifier voltage +/- 100 VDC or +/- 10 VDC (+/-1%) + Channel 2 - Rectifier current (amps) +/- 100mVDC (+/-1%)
Installation	+ Built-in Mounting tabs + 7' (2.1m) color coded connection cable