

WATCHDOG RANGER

BASIC RECTIFIER REMOTE MONITORING SYSTEM

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

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. Continuous monitoring of rectifier function is essential to avoid corrosion problems – and remote monitoring saves valuable labor costs.

Elecsys 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.



WATCHDOG RANGER

Key Features:

- Cost-effective, easy to use, CP rectifier monitoring system
- Battery, AC, or DC power
- Pre-configured easy installation
- Rugged construction
- Lightning/power surge-resistant circuitry

APPLICATIONS



Buried pipelines



Storage tanks



Anywhere basic rectifier monitoring is required



Ideal for sites with multiple monitoring locations



Reduce labor costs by reducing costly field checks

Elecsys Watchdog Ranger is the affordable remote rectifier monitoring solution for impressed current systems.



SAVE TIME. STAY COMPLIANT. GET PEACE OF MIND.

Monitoring of rectifier 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.

Elecsys 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
- Very low cost
- Rugged, reliable
- Capable of operating on external power or internal battery
- 24/7/365 web interface

MAJOR MARKETS



OIL



GAS



WATER



CATHODIC
PROTECTION



PRODUCT SPECIFICATIONS

Part Number	Verizon cellular telemetry CDMA cellular telemetry Satellite telemetry	WD-RN-N7 WD-RN-N8 WD-RN-S3
Inputs	Channel 1 - Rectifier voltage +/- 100 VDC (+/-1%) Channel 2 - Rectifier current (amps) +/- 100mVDC (+/-1%)	
Power	10-25VAC external power 9-30VDC external power Primary Lithium Thyonyl Chloride internal battery	
Operating Environment	Temperature: -40°C to +70°C Humidity: 0-95% non-condensing Enclosure: NEMA 4X polycarbonate	
Size	4.8" (12.2cm) x 4.5" (11.5cm) x 4.1" (10.5cm)	
Installation	Built-in Mounting tabs 7' (2.1m) color coded connection cable	

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

Manufactured in the USA

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