

# LogR Corrosion Monitor

## Corrosion Rate Measurement!



The **ProMinent® LogR** is a single channel corrosion rate monitor using **Linear Polarization Resistance (LPR)** to measure the corrosion rate of metals in cooling water treatment applications. Weight loss coupon results can take weeks or months. With the **LogR**, a reading is taken every 2.5 minutes giving accurate corrosion rates instantly. Select from **carbon steel, copper or admiralty** sensors.

### Package includes

- Monitor, sensor, 24VDC/120VAC power supply
- Universal power adapter
- 3/4" sensor entry "T" fitting
- 4-20mA output
- Backplate mounting hardware
- USB flash drive with startup and O&M manuals

### Choose one of the following packages

- Carbon Steel sensor package (P/N 7760788)
- Copper sensor package (P/N 7760789)
- Admiralty sensor package (P/N 7760790)
- 90:10 Cupro - Nickel sensor package (P/N 7761467)
- Zinc sensor package (P/N 7761468)

### Features & Benefits

- No lengthy corrosion coupon delays - instant measurement
- Corrosion rate updates every 2.5 minutes
- Data logs every 5 minutes
- Stores up to one year of log data
- LPR technology
- Pre-configured for your metallurgy
- CE Approved
- Alarm relay

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## Sensor Specifications

Sensors	
LPR Sensor (Linear Polarization Resistance)	Non-metallic sensor rated at 125°F (50°C) max, 125 psi max Immersed components: ABT, Nylon & Epoxy
LPR_CN	90:10 Cupro-Nickel
LPR_CU	CDA 110 Copper
LPR_AM	CDA 443 Admiralty
LQR_ZN	Zinc Galvanizing
LPR_CS	1010 Carbon Steel

## LogR Specifications

LogR	
Corrosion Rate Measure & Display	0.01 to 50.0 mpy for steel Updates every 150 seconds
4-20mA Output	Three wire: Power, Ground & 4-20mA out Resolution nominally 1 part in 4000
Data Logging	1 Year @ 5 minute intervals
Alarm Contacts	Normally closed
	Rated 24VDC, 250mA
	Thermally fused 300mA
Display & Data Link	2x8 LCD Display
	USB Host emulation
UP-DOWN & Mode Switches	UP & DOWN push buttons 8 selectable display modes, 0 to 7
Conductivity	50 to 9999 uS
Power	9-24VDC, 100mA max.
	Polarity Protected
LogR Enclosure	Non-metallic, IP65
	4 3/8" x 4 3/8" x 1 3/4"
	110mm x 110mm x 45mm
Wiring Terminal Blocks	Rated AWG 16-26
	3.5mm spacing

