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" sentry "T" fitting
- 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
- Pre-configured for your metallurgy
- LPR technology
- CE Approved
- Alarm relay

ProMinent®

Visit our XTRANET <www.prominentxtranet.com> to:
- sign up for our electronic newsletter
- download literature and manuals
- validate your product warranty

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Sensor Specifications

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

LogR Specifications

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