LogR Corrosion Monitor

Corrosion Rate Measurement

The **ProMinent® LogR** is a real-time corrosion monitor that can save you thousands of dollars in repair bills and lost revenue due to maintenance closures of your swimming pool. Using **Linear Polarization Resistance (LPR)** to measure the corrosion rate of metals in your swimming pool equipment, you will be notified instantly when corrosion is beginning to occur to your impellers, heat exchangers, light assemblies, rails and ladders!

Package includes

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

   Choose one of the following packages:

   - 90:10 Cupro - Nickel sensor package (P/N 7500554)
   - Copper sensor package (P/N 7500552)
   - Admiralty Brass sensor package (P/N 7500550)
   - Stainless Steel sensor package (P/N 7500553)
   - Carbon Steel sensor package (P/N 7500551)

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
- Integrates with the DCM 5 Series Controller
- 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

Log/R_Aquatics_2011.indd rev1 02/09/2012 (pn: 7750506)

Sensor Specifications

LPR Sensor (Linear Polarization Resistance)	Non-metallic sensor rated at 125ºF (50ºC) 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
LPR_SS	304 Stainless Steel
LPR_CS	1010 Carbon Steel

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