DataCell

CP

Cathodic Protection System

- Designed for AS2831.1-2004
  - Periodic CP survey enabled
- Real time alarms:
  - System failure
  - Current injection
  - Mains power outage
  - Intruder detection
- Continuous system monitoring
  - Test point measurement
  - Optimise assets
  - Proactive maintenance
- CP data management
  - Results delivered daily
  - Automated reporting
  - Central data repository
  - Customisable data format
  - System integration

AEGIS
QUALITY TEST EQUIPMENT
80 years
Est. 1933

www.DataCell.co

Product Overview

The DataCell CP has been designed to provide an automated monitoring and alarming solution for your cathodic protection system. All information is sent to your desktop/system automatically when you need it.

Continuous anode current injection monitoring enables real time alarms to be sent on any failure, be it system failure or mains power failure.

Continuous pipe potential measurement allows system performance analysis and optimal current injection selection.

The DataCell CP is optimised to provide data as per AS 2832.1-2015 and is integrated to the DataScape web portal. Alternately, or in parallel, the data can be integrated to your reporting and SCADA systems.

The DataScape web portal provides the ability to analyse your system performance and individual injection points. Trigger surveys, produce reports, and manage your network from your phone, tablet, or PC.

The DataCell CP is a complete, automated solution to your cathodic protection monitoring needs.

Specifications

Connections
Up to 3 Current/Voltage connections
Up to 3 secondary alarms

Ranges
Current (A): 5,10,20,40, up to 2000 on request
Voltage (V): ±5V DC

Accuracy
Current: < ±0.5% 0-40A.
Voltage: < ±10mV.

Logging

Memory:	1 million records
Alarms:	Low or Zero usage in a period
	High usage in a period
	Return of state
	Tamper detection
Clock:	Real time with internet synch

Communications
Serial: Infrared interface
Wireless: GSM/GPRS/3G/Next G

Battery
5-10 years depending upon configuration

Physical

Dimensions	93mmØ x 230mm
Weight	970 grams
Environmental	IP68
Operating Temperature	0°C to +50°C
Storage Temperature	-20°C to 70°C

Applicable Standards
IEC 529 (1989): IP68
AS 1939-1990: IP68
AS/NZS 60950.1:2011
EN 60950-1:2006/A11:2009
CE
RCM