

The  
***Data Handler (DH)***  
Is an  
**Optically Isolated  
Signal Conditioner**  
a  
**Data Logger**  
a  
**Remote Terminal Unit (RTU)**  
and a  
**Smart Controller (mini PLC)**  
In a small package



#### **Features**

- Low Power (6 mADC)
- RS232C Port (Optional RS485)
- Real-time Clock
- Small Package Size
- P 'n' P Connections
- Hermetically Sealed
- Field Configurable
- Addressable
- Non-Volatile Memory
- Up to 8,000 Data Points
- Watch Dog Timer
- 24/7 Factory Support

#### **Protocols**

- ASCII
- Modbus (ASCII/Binary)
- DF1
- DNP3

#### **Applications**

- Oil & Gas Exploration
- Mandated Reporting
- Environmental Impact Studies
- Oceanographic Activity Analysis
- Site Remediation Monitoring
- Home Land Security
- Water/Wastewater Management

#### **Benefits**

- Lower Installation Costs
- Simplified Communications
- Remote Diagnostics
- Real-time Data Acquisition
- Prolonged life of Legacy Equipment

#### **Data Anywhere, Anytime**



3 " x 2.5 " x 3 "

7-year Transferable Warranty

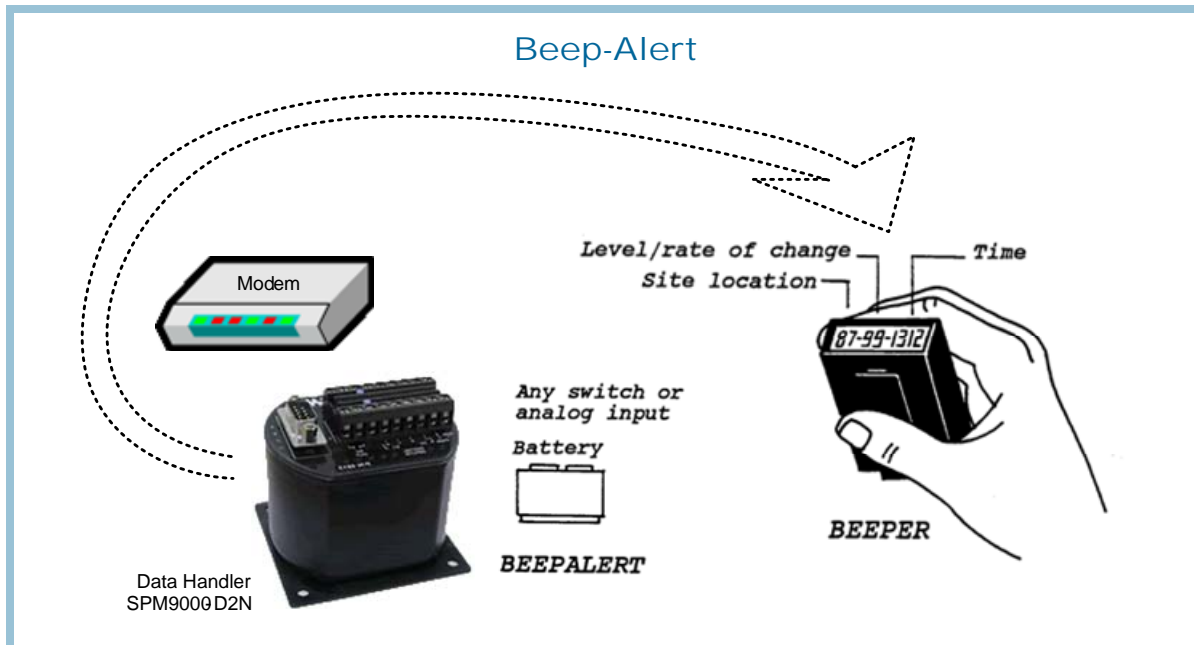
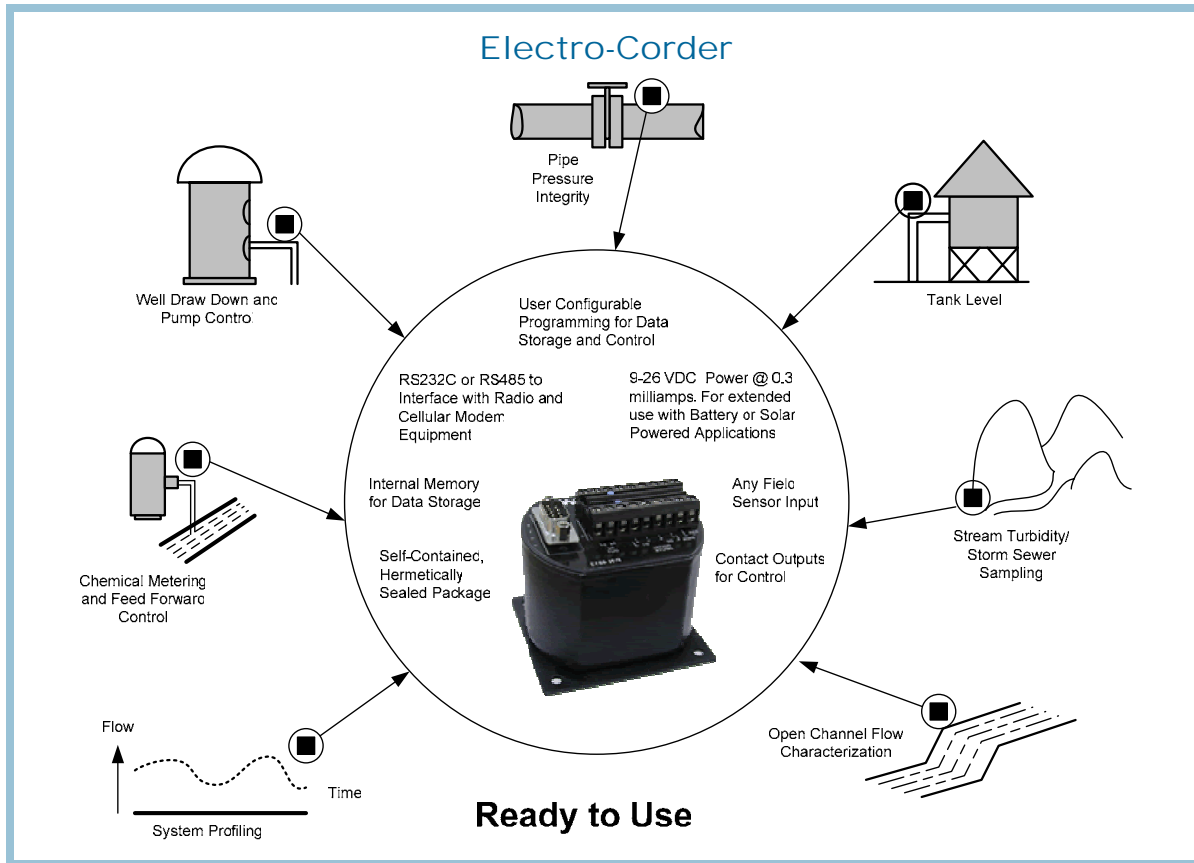
#### **Overview**

The Data Handler is a hermetically sealed, low power, multi-function micro-controller based product that is easily incorporated into to a variety of Supervisory Control and Data Acquisition system designs.

It includes optically isolated input signal conditioning for various sensors, status contacts, relay and analog outputs, a built-in data logger and support for a number of commonly used communication interface protocols.

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# Data Handler (DH) - Application Examples



Ten Segment Linearizer

Average with Time