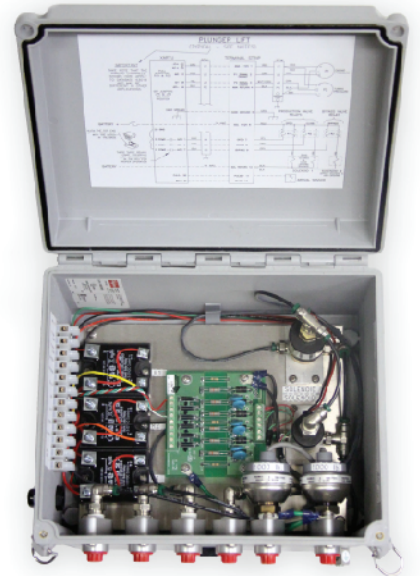


## Plunger Lift

Maximizing production in a natural gas well as energy prices for both natural gas and liquids continue to rise is a primary importance to every gas well operator.

Eagle Research Corporation® has developed a solenoid actuated **Plunger Lift** Control box that, when coupled with an **XA Series™** Flow Computer, can constantly analyze and adaptively control a well's production. Through constant monitoring of casing and tubing pressures, the system can control the dropping of the plunger into the well and attempt to assure that it makes a full trip on each run.

Flow rates, production data, and plunger arrival statistics, in conjunction with tank level monitoring, give the operator a complete picture of well performance.



## Process Controller



Eagle Research Corporation® **Process Controller** is a standalone PID controller with pneumatic or current analog output options. The Process Variable Inputs are Pressure, Temperature, DP, Pulses or an AGA calculation of flow. The PID logic is performed electronically. The output options are 4-20 mA current loop or pneumatic valve command (3-15 or 6-30 PSI). A built-in battery allows continued control with DC power loss. Stand alone or remote set point change options are available. Power options include 12 or 24 volt A/C or solar supplies.

## Solenoid Control

The **Solenoid Control Interface (SCI)** allows the **XA Series™** products to perform remote control of pressure or flow.

An existing gas regulator can be converted to remote control pressure or flow without requiring any process piping modifications. Only some instrument tubing and regulators are required for the interface.

The **SCI** is designed to operate self contained or pilot operated pressure regulators. It can also be used to control diaphragm actuated instrument valves.

