

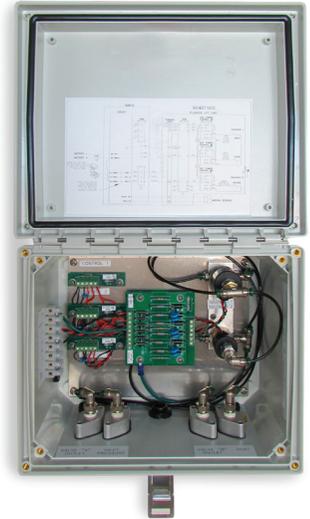
CONTROL DEVICES

Plunger Lift

Maximizing production is a primary importance to every gas well operator. For that purpose, Eagle Research Corporation® has developed a Plunger Lift Control unit.

When coupled with a Flow Computer, the Eagle Plunger Lift Control constantly monitors the operating characteristics of the system, including casing pressure, tubing pressure and plunger arrivals, while adjusting the settings to improve the efficiency of the well.

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 valve output command. The Process Variable Inputs are Pressure, Temperature, DP, Pulses or an AGA calculation of flow. The PID logic is performed electronically. The valve output options are 50 or 100 PSIG. The 50 PSI range covers standard commands like 3-15 or 6-30 PSI. The 100 PSI range is used when loading the spring cage of a pilot or self-contained regulator. The standard solar panel and built-in battery allows continued control with no external power.



Solenoid Control

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

Using this device, an existing gas regulator can be converted to remotely control pressure or flow without requiring any process piping modifications. Only some instrument tubing and regulators are required for the interface.

The SCI uses low power solenoids modulating up to 100 PSIG output loading pressure to operate self-contained or pilot operated pressure regulators. The pneumatic valve output signal can also be used to control diaphragm actuated valves or positioners requiring the typical 3-15 or 6-30 PSIG valve commands.

