ECONOMICAL SOLUTIONS FOR YOUR AUTOMATED NEEDS

Since 2005, JBL has specialized in oilfield equipment by natural gas engines featuring our own electronic controls to automate and monitor our packages. Our business, located in Fort Smith, Arkansas, includes package fabrication, parts, and service for natural gas compressors, pumping unit drivers, water pumps, hydraulic power units, and more.

PGEC-II "SELF STARTER" ENGINE CONTROLLER

- The PGEC II Self Start Engine Controller gives the user an easy to install and operate, yet a full featured automatic engine starter.
- The PGEC II operates on 12 Volts. It includes ignition, crank, and rest cycles, sensing of crank time, start up speed and start attempts.
- The easy to read display reflects the current status of the controller and engine.
- Statistics such as engine run time, start ups, retries, fail times and others are easily accessible.
- "Wet" or "dry" inputs provide flexibility to use the controller for numerous applications.
- The unit is MODBUS compatible to interface with most remote control or SCADA systems.
- Four user interface buttons make for easy set up of run/off schedules as well as adjustable parameters such as over speed/under speed shutdown RPM.

ANNUNCIATOR 16

Operational States - The Annunciator contains four modes.

Locked: Once either reset or power cycled the Annunciator will enter the lockout mode. In lockout mode the first four inputs will not trigger a fault. If a fault is triggered then the Annunciator will display the fault then enter the faulted state. The Annunciator will stay in the Lockout mode for the time set on the rotary switch. The rotary switch sets the lockout time in minutes (1-9); 0 is reserved for test (see below).

Normal: After the lockout time the Annunciator will enter the normal state. While in the normal state the Annunciator will wait for a fault on any of the inputs. When an input faults the Annunciator will display the fault then enter the faulted state.

Faulted: While in the faulted state the Annunciator will continue to display the fault. The only way to exit the faulted state is to press the reset button. While faulted, the Annunciator will pull the Load pin to ground. The Load pin can pull down a max of 2 Amps @ 48 Volts DC.

Test: The test state is activated when the rotary switch is set to zero and the reset button is pressed. While in the test state the Annunciator will perform two actions repeatedly. The first action is to test each part of the display. The second action is to cycle through all inputs displaying the numbers for each input that is actively faulted. This is useful for testing field connections. To exit the test state set the rotary switch to a value greater than zero and press the reset button.

COMPRESSOR CONTROL PANEL

- Complete set of pressure and temperature gauges
- JBL Annunciator
- Ignition switch, starter button, tach/hourmeter
- Glass cover
- Hinged covers for easy access

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