



Axiom Technologies, LLC

255 Pennbright Dr., Suite 220
Houston, Texas 77090

Tel: (281) 931-0907

Fax: (281) 931-6562

www.axiomsafety.com

MI6, Six Channels Alarm and Shutdown System

Simple and reliable Alarm and Shutdown system for the Oil and Gas Industry.



- Indicates and holds the actual cause of shutdown.
- Wiring to each alarm sensor is continuously monitored for integrity.
- Non incensive design allows standard wiring installation in hazardous areas.
- Low power, ideal for remote locations, works for five years on a standard Axiom Battery Module.
- Remembers the last cause of shutdown.
- Advanced self diagnostics.

Operator friendly wellhead alarm and shutdown system achieves a new level of reliability, minimizes the need for maintenance and offers the following:

- Virtually no maintenance needed. Based on previous highly reliable design, offers extraordinary performance and reliability while maintaining operator friendliness.
- By eliminating the tubing and connection points associated with the traditional pneumatic/ hydraulic logic, the points of leakage are minimized, making the MI6 ideal for locations with limited pneumatic/hydraulic sources.
- The MI6 is enthusiastically accepted by the operators as it provides intuitive controls as well as straight forward visual indication.
- When commanded to re-start production the MI6 ignores existing alarms for 30 minutes and production may be reestablished. If the existing alarms remain for more than 30 minutes or a new alarm is detected, or an existing alarm normalizes and then returns, then, the MI6 re-initiates the
- The "Test" function allows the operator to test the MI6 operation and verify all circuits are operating normal.
- Rated to operate from -40 °C to +85 °C ambient temperature. The three way solenoid valve is rated to 100 PSI (150 PSI optional) and it can drive a pneumatic actuator directly.
- RTU ready. The MI6 provides input and output interface points to either receive a remote "Stop" command or annunciate remotely if a shutdown or malfunction would occur.
- Auto diagnostic. System monitors field wiring to confirm continuity as well as battery voltage to insure supply is within specified limits. A "Heart Beat" Green LED shows the system is operating without problems.
- Electronic circuit designed and built to the same standards and care of other reliable Axiom Technologies products.



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MI6 / Typical Application

