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XH5D, Self-Contained Wellhead Alarm & Shutdown



- Indicates and holds the actual cause of shutdown
- Sensing pressures from 60psi to 20,000psi
- Hydraulic interface for fire loops and manual shutdown
- Two loop monitored electronic alarm inputs allows connecting external alarm sensors such as manual or telemetry shutdown.
- Simple hydraulic circuit and high quality components insure high reliability
- Very low maintenance
- Three year batteries included
- Dual pump (Independent Pump for SCSSSV)
- Low cost, simple to install
- Two year limited warranty

Second Generation of Electronic-Hydraulic Alarm and Shutdown for the Oil and Gas Industry, with a more advanced and robust electronic design promises surpassing the amazing reliability of its predecessor.

- Certified Suitable for Class 1 Hazardous Areas
- Process status at a glance. With the switch-gauge indicating the actual reading and set-points, the operator knows the conditions of the process.
- A "Heart Beat" Green LED shows that the system is operating without problems.
- The "Test" function shows the operator the cause of the last shutdown even after the system has been "Reset". Then, after a few seconds the system tests each alarm LED indicator.
- Components rated to operate from -50 °C to +85°C ambient temperature.
- Environmentally friendly. The hydraulic circuits are enclosed in a stainless steel box that holds any oil leakage and prevents ground contamination.
- High and low set-points are easily adjusted without the need for special testing equipment.
- All components accessible - easy maintenance.
- Intruder protection. The enclosure may be pad-locked to prevent unauthorized access to the set points or internal components.
- Pressing "Reset" will restore production and provides a 30 minutes "grace period" for the pressure to return to normal - no "pull and pin" valves needed.
- No sliding seals means no risk of the device failing because of lubricants drying out, no need for periodic disassembling, cleaning and lubricating.
- Electronic circuit designed and built to the same standards and care of other reliable Axiom products.



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Sensing Pressures Ranges

60 psig
100 psig
200 psig
300 psig

600 psig
1,000 psig
1,500 psig
2,000 psig

3,000 psig
5,000 psig
10,000 psig
20,000 psig

Example of XH5D Application

