



Hydraulic Self-Contained Shutdown System

Our hydraulic self-contained safety shutdown system (SCSS) is designed specifically for remote locations where external power sources are not available, unreliable, or costly.

Features

- Lightweight and compact design
- Hydraulic manifold machined out of a single piece of lightweight aluminum
- Can be mounted directly to a hydraulic actuator or as a pole mounted enclosure
- Control pressure up to 5,000 psi – power supplied by hand pump which takes a minimum number of strokes to pressure-up any system
- Controlled by a harsh-environment 24 VDC solenoid (can optionally be controlled by Hi/Lo pilots)
- Installed with a fusible plug
- Contains 1.5 gallon reservoir with sight glass for operating single or multiple valves (optional 2.5 gallon reservoir available)
- Includes a high-pressure harsh-environment accumulator design to compensate for temperature variations
- Easily-operated manual override for emergency shutdown marked by a large red button

Benefits

- Ideal system for zero discharge/environmentally conscious environment
- Control components are constructed of corrosion-resistant anodized aluminum with stainless steel internals
- Designed to operate in harsh environment
- Locally based with a large global operation to support this safety system
- Very quick closing speed

Applications

- Emergency shutdown valve
- Surface safety valve
- All well types: conventional, gas storage, and HP/HT
- Wellhead flowlines