W.E. Anderson direct mount solenoid valves come lubricated and are designed for long life. These solenoid valves are specially designed to be easy to install on pneumatic actuators. The solenoids come equipped with Buna-N O-Rings to seal the valve ports to the body of the actuator. These units can be used with either spring return or double acting actuators where on/off electric operation is required. Standard features include a manual override and safety position by mechanical spring.

**OPERATION**

Single Coil (Pneumatic Diagram)

**INSTALLATION**

Note: Make sure that Port O-Rings are correctly placed inside O-Ring groove.

1. Affix solenoid valve to actuator and tighten screw to 70 in-lbs.
2. Disconnect solenoid wire hood.
3. Energize solenoid valve several times and test for leaks and proper operation. Note: Solenoid nut should be hand tight.

**MANUAL OVERRIDE**

The W.E. Anderson solenoid valve comes equipped with a manual override. A small screw head located between the valve body and the coil allows for the overriding of the solenoid if necessary. The normal position for the screw head is pointing toward the 0. Rotation of the screw head in the counter clockwise direction will manually override the solenoid and lock the solenoid in the disengaged position until the screw head is returned to its original position.

**Solenoid Classification**

The W.E. Anderson solenoid valve is designed to the NEMA 4 and 4X standard.

**NEMA 4, 4X:** Watertight and Dust tight - indoor and outdoor. Protects against windblown dust, rain, splashing water and hose directed water. Also corrosion resistant.

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