Barksdale
CONTROL PRODUCTS

MOD-TRONIC Instruments Limited
1 Delta Park Blvd #12
Brampton, ON L6T 5G1
1-800-794-5883 | 905-457-6322
sales@mod-tronic.com
www.mod-tronic.com

ADJUSTMENT INSTRUCTIONS

Differential/Pressure/Vacuum Switch

General:

1. Check proof pressure of switch on name plate or catalog. ***NEVER EXCEED THIS PROOF PRESSURE.***
2. Note the adjustable range of switch (increasing or decreasing pressure) as listed in the catalog or on the name plate.
3. Check the catalog listing for actuation value of the switch.

To set the switch you need: 1. A pressure/vacuum source
2. A pressure/vacuum gauge
3. An electric continuity tester

CAUTION! -ALWAYS CHANGE PRESSURE SETTING GRADUALLY.
-ALWAYS check switch setting before making any adjustments.

Step 1**.** Determine if the pressure/vacuum set point is on increasing or decreasing pressure.

Step 2. If the set point is on increasing pressure, then decrease the pressure/vacuum of the source starting at a point lower than the set point. Use maximum 1/4 turn on adjustment screw.

If the set point is on decreasing pressure, then increase the pressure/vacuum of the source starting at a point higher than the set point.

Step 3. Using the continuity tester and the pressure/vacuum gauge determine the actuation point of the switch.

Step 4. If the actuation point is above the desired value, turn the adjustment screw or knob per instructions in the pressure switch catalog to increase the actuation point, and if it is below, turn the adjustment screw or knob in the opposite direction to decrease it.

Step 5. For exact pressure/vacuum setting, cycle pressure/vacuum switch and make fine adjustments by repeating steps 2 through 4 (trial and error process) until the desired setting is obtained.

Note 1. For proper electrical connection follow colors of wire insulation or instructions on terminal code tag attached to switch.
Note 2. Dual control switches should be set one side at a time. Recheck both sides after final setting.

CAUTION! -DO NOT force adjustment screw when it becomes difficult to turn.