

ADJUSTING THE SERIES 6 TRIP POINT



CAUTION: Remember that the field-adjustable trip point may have been factory set to your specifications. Adjustment of the trip point varies according to the application and must be performed by a qualified person.

To Reset for Rising Pressure

1. Locate and remove the Switch Trip Point Adjustment cover (round) to reveal the Adjustment Wheel. see fig. 1



WARNING: Do not remove snap-switch cover at the installation sight until the area is made non-hazardous.

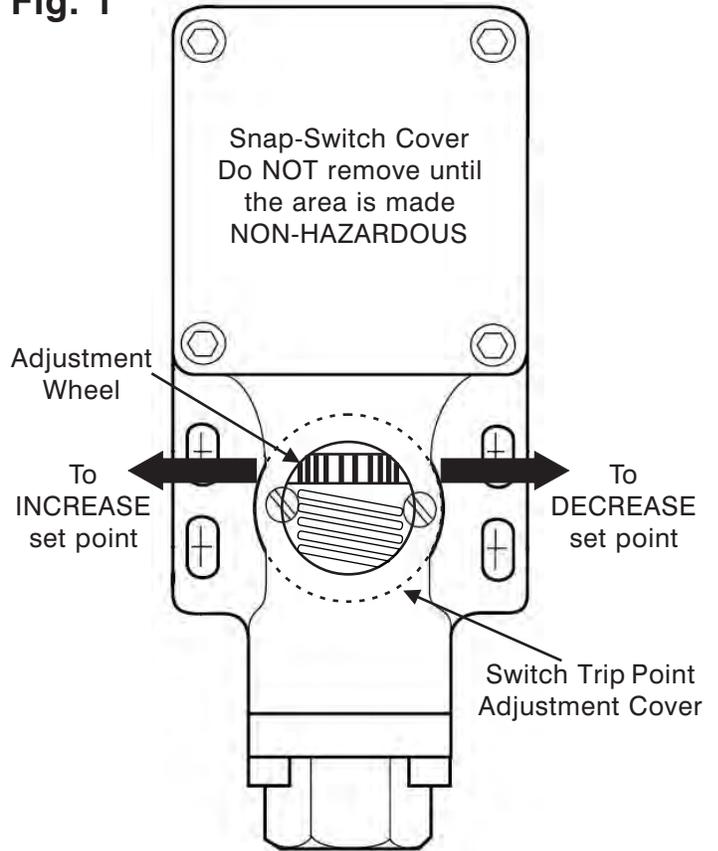
2. After area is made non-hazardous, proceed to remove the square cover to reveal the snap-switch(es).
3. Connect test light to the **COM** and **NC** terminals. The light should turn **ON**. Gradually increase the pressure until the light turns **OFF**. Observe the trip point pressure reading.
4. With a flat-tip screwdriver or similar tool, turn the adjustment wheel toward the desired setting. Repeat until the light turns **OFF** at the desired pressure.

To Reset for Falling Pressure

Follow steps 1 and 2 above. Then:

3. Connect test light to the **COM** and **NO** terminals. The light should stay **OFF**. Gradually increase the pressure until the light turns **ON**. Observe the trip point pressure reading.
4. With a flat-tip screwdriver or similar tool, turn the adjustment wheel to the desired setting. Repeat until the light turns **OFF** at the desired pressure.

Fig. 1



WIRING THE SERIES 6 PRESSURE SWITCH



WARNING: Perform the wiring operation with the power source **OFF**. Make sure voltage and current requirements are within the LLS ratings. Before wiring the unit, determine voltage and polarity for the application. If the unit is used in hazardous areas, make the area safe before removing the snap-switch cover.

The switch requires the proper electrical conduit.

1. A 3/4"-14NPT inlet connection for conduit installation is provided at the snap-switch cover end of the switch. *NOTE: The plastic plug (supplied) protecting the conduit inlet threads must be removed before wiring.*
2. Using a 3/16" hex wrench, unscrew the 4 hex-cap screws. Remove cover to reveal the snap-switch(es).
3. To wire unit, refer to the typical wiring drawing (figure 2) and to schematic at right. Wire the switch(es) with 60°/75°C (140°/167°F) insulated wire.
4. A green terminal is provided inside the switch enclosure for case/equipment grounding (figure 2).
5. After completing wiring, replace the switch cover and make sure it is tightly secured before applying power to the system.

Schematic

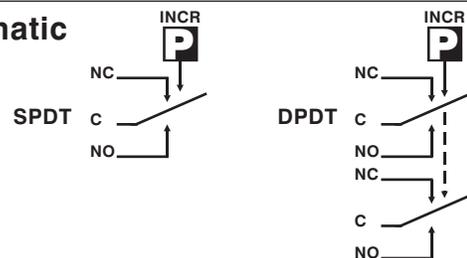


Fig. 2

