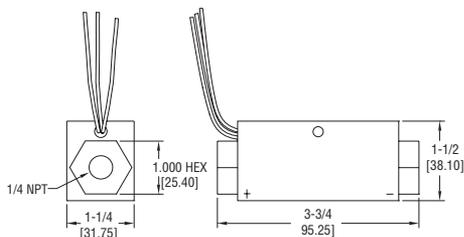




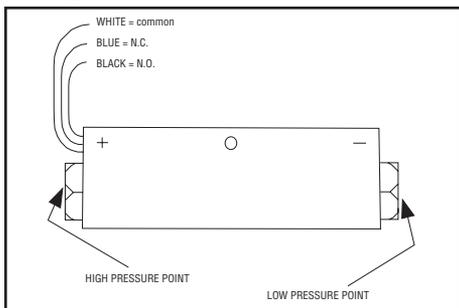
## Series A4 Differential Pressure Switch

### Specifications – Operating Instructions



**Rugged** Series A4 Differential Pressure Switch offers field adjustments and can handle system pressures up to 6000 psig. Piston design allows mounting in any orientation. The switch is capable of carrying moderate shock and vibratory loads.

#### Wiring



#### Set Point Adjustments

Loosen set screw located in switch body immediately above label. Push wires into body to increase differential pressure. Pull wires away from body to decrease differential pressure. Then tighten set screw. Entire adjustable range may be covered by moving wires approximately 3/16 inch each side of mean.

#### SPECIFICATIONS

**Service:** Compatible gases.

**Wetted Materials:** Body, piston, and fittings: anodized Aluminum; spring: steel.

**Temperature Limits:** -65 to 225°F (-54 to 107°C).

**Pressure Limits:** 2000 psid (138 bar).

**Repeatability:** See table.

**Switch Type:** SPDT.

**Electrical Rating:** AC: 3 VA, 0.25A @ 120 VAC; 5 VA, 0.25A @ 175 VDC.

**Electrical Connection:** 24 AWG X 12" (30.5 cm) wire leads.

**Process Connection:** 1/4" female NPT.

**Mounting Orientation:** Any.

**Set Point Adjustment:** See table.

**Weight:** 8.5 oz (241 grams).

**Agency Approvals:** CE.

#### Maintenance/Repair

After final installation of the Series A4 Differential Pressure Switch, no routine maintenance is required. A periodic check of the system calibration is recommended. These devices are not field repairable and should be returned to the factory if recalibration or other service is required. After first obtaining a Returned Goods Authorization (RGA) number, send the material, freight prepaid, to the following address. Please include a clear description of the problem plus any application information available.

Dwyer Instruments  
Attn: Repair Department  
102 Highway 212  
Michigan City, IN 46360