



Series  
A4

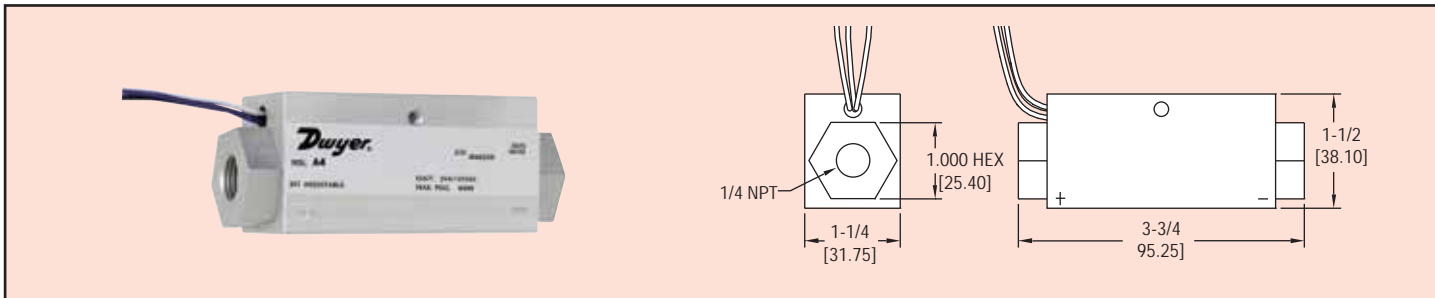
# Differential Pressure Switch

Adjustable Set Point, High Overpressure



PRESSURE

Differential Pressure Switches



**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.

## 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), 6000 psig (413 bar).

**Repeatability:** See table.

**Switch Type:** SPDT.

**Electrical Rating:** AC: 3 VA, 0.25A @ 120 VAC; DC: 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 g).

**Agency Approvals:** CE.

Model	Repeatability psi (bar)	Set Point psid (bar)	
		Increasing	Decreasing
A4-1	±2 (.14)	7-13 (.48-.89)	2-7 (.14-.48)
A4-2	±4 (.28)	13-25 (.89-1.7)	5-16 (.34-1.1)
A4-3	±8 (.55)	25-45 (1.7-3.1)	10-21 (.68-1.5)
A4-4	±16 (1.1)	35-160 (2.4-11.0)	20-80 (1.4-5.5)
A4-5	±32 (2.2)	120-250 (8.3-17.2)	35-120 (2.4-8.3)