

# POSITION INDICATORS

## For Normally Closed Solenoid Valves



### Position Switches

**CONSTRUCTION:**

**Housing** - 316 Stainless Steel with 1/2" NPT Conduit Connection

**Contact** - SPDT (Single Pole/Double Throw)

**Lead Wires** - 36 inches long, 18 gauge standard leads potted-in PVC

**OPERATION:**

Switch is activated by a ferromagnetic "target" attached to the valve's piston



PS shown with valve body adaptor

**"PS" - General Purpose/NEMA 4, 4X**  
**"PSF" - Explosion Proof**

**SPDT Contact**

**Electrical Rating:**

4A @ 120 VAC / 3A @ 24 VDC

2A @ 240 VAC / 1.25A @ 48 VDC

0.5A @ 125 VDC & 250 VDC

The PS and PSF can be wired AC or DC, N/O or N/C, consume no power to operate, and leave no current leakage or voltage drop



PS General Purpose & Water Tight (SPDT Switch) shown on 3" Stainless Steel Valve

### Position Switches With LED Visual Indication



Position Switch on right shown energizing Red LED

**"PL" - General Purpose/NEMA 4, 4X**  
**"PLF" - Explosion Proof**

**SPDT Contact**

**Electrical Rating:**

0.25A @ 120 VAC / 3A @ 24 VDC

(3A @ 120 VAC / 2A @ 24 VDC without the LEDs)

The PL and PLF can be wired AC or DC, N/O or N/C

Ambiant Temperature: -40°F to 221°F (106°C)

**NOTE: ONLY ONE BOTTOM MOUNTED OPTION CAN BE INSTALLED ON EACH VALVE**

For multiple switches and where a switch and a bottom mounted option are required, contact our Clark Cooper Division.

(See bottom of Page 3)

### Position Display - Visual Indication ONLY

**"PD" - General Purpose / NEMA 4, 4X / Explosion Proof**

**CONSTRUCTION:**

**Housing** - Clear High-Strength Polycarbonate

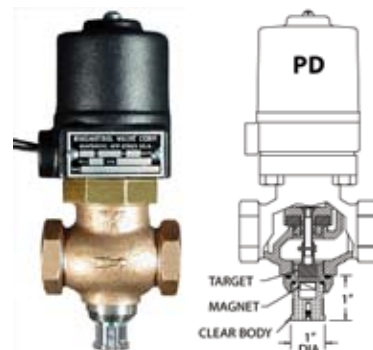
**APPLICATION:**

Visual indication that valve is Open / Closed

**OPERATION:**

When the valve is in the closed position, a ferromagnetic "target" attached to the valve's piston, lifts a green colored magnet into the adapter hiding it from view. When the valve is energized, (open position), the magnet drops down to a visible position.

**Position Indicators for Normally Closed Valve Only**  
**Available on Type A, S, L, K, W & G Valves**



**HOW TO ORDER:**  
**Indicate Option when Ordering:**

Use the appropriate Prefix:  
 PS, PSF, PL, PLF, or PD

**Example:**

**PS18A44** indicates a Position Switch mounted on a Type 18A44 valve.