

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

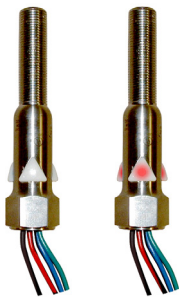
0.5A @ 125 VDC & 250 VDC

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)

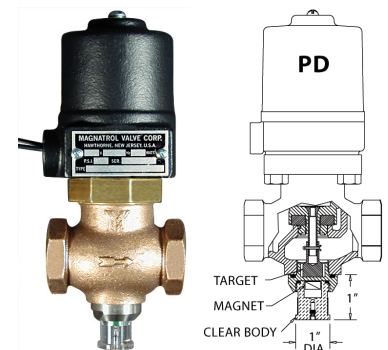
The PL and PLF can be wired AC or DC, N/O or N/C

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.