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 and Water Tight (SPDT Switch) shown on 3″ Stainless Steel Valve below

POSITION SWITCHES with LED VISUAL INDICATION

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

SPDT Contact
Electrical Rating:
0.25A @ 120 VAC / 24 VDC (Approx. 5V drop)

The PL and PLF can be wired AC or DC, N/O or N/C
Operating Temperature: -40°F to 160°F (71°C)

Position Switch shown here energizing Red LED

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 Valves only. Available on Type A, S, L, K, W and G Valves

HOW TO ORDER	**Indicate option when ordering** – Use the appropriate Prefix: PS, PSF, PL, PLF, or PD
	See page 33 for Type Number details

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