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” – 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.

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

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

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)

HOW TO ORDER

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