

## Delta SWAP Single Seat APC or P series

DELTA SWAP sanitary single seat replacement inserts feature the same advanced technology in the areas of seal design, materials and ultimate flexibility applied in our standard DELTA SW4 series. Customers keep their existing P-series or APC 700 or 800 series valve bodies, clamps and gaskets, while the remainder of the valve is completely replaced with a slightly modified SW4 insert — otherwise known as the SWAP insert.

The SWAPP & SWAPC replacement inserts utilize the same seal kits and seat insertion tools as used on comparable SW4 valve sizes and configurations. An additional adapter is required for seat tools used with divert valve sizes 1" - 2.5" (25 mm - 64 mm) OD Tube.

### FEATURES AND BENEFITS

- Controlled Compression of seat seal minimizes stress and load on the seal
- Wear resistant PTFE/elastomeric shaft seal and shaft bearing extending seal life
- Maintenance free actuator is covered by a 5 year warranty
- Eliminates downtime of cutting and welding to install a new valve
- Available with the latest control top technology of the CU4 series that includes: 24VDC, AS-i, 120VAC and CU4plus AS-i
- 3 interchangeable actuator sizes are available in short stroke applications
- Meets or exceeds APC product holding pressures for comparable actuator size and body configurations
- Molded elastomer profile seals with identification markings for identification of seals during maintenance

### TECHNICAL DATA

#### Materials

Product wetted parts	S31603 (AISI 316L)
Non-product wetted parts	S30400 (ASI 304)
Elastomer options	EPDM, VMQ (Silicone), FPM (Viton) and HNBR
Seat seals	Elastomer
Shaft seals	PTFE / Elastomer

#### Operating Temperature (maximum)

EPDM / HNBR	275°F (135°C) or short time 284°F (140°C)
VMQ (Silicone)	212°F (100°C)
FPM	212°F (100°C) (do not use with hot water)

#### Pressure

Operating (max.)	145 psi (10 bar)
Product Holding	Meets or exceeds P-series product holding pressures for comparable actuator size and body configurations
Control air (min.)	87 psi (6 bar)
Control air (max.)	116 psi (8 bar)



## SIZES/CONFIGURATIONS (APC SERIES)

OD Tube.....1"- 4" OD Tube

### APC Short Stroke 700, N700, 4000 and N4000 Series

#### SWAPC 710 Shut-off Valve Insert

- For angle, cross or tangential bodies
- APC Body Styles 10, 30, 70, 75, 80, 85, 90

#### SWAPC 720 Divert Valve Insert

- For 3-port or 4-port divert bodies
- APC Body Styles (1") 20, 24 (includes new upper body)
- APC Body Styles (1.5"-4") 20, 22, 24, 26

#### SWAPC 722 Divert Valve Insert (1" only)

- For 4-port divert bodies
- APC Body Styles 22, 26 (includes new upper body)

### APC Long Stroke 800, N800, 5000 and N5000 Series

#### SWAPC 810 Shut-off Valve Insert

- For angle, cross or tangential bodies
- APC Body Styles 10, 30, 70, 75, 80, 85, 90

#### SWAPC 820 Divert Valve Insert

- For 3-port or 4-port divert bodies
- APC Body Styles 20, 22, 24, 26

## SIZES/CONFIGURATIONS (P SERIES)

OD Tube.....1"- 4" OD

### P7 Short Stroke

#### SWAPP 710 Shut-off Valve Insert

- For angle, cross or tangential bodies
- APC Body Styles 10, 15, 16, 30, 65, 70, 80, 90

#### SWAPP 720 Divert Valve Insert

- For 3, 4, or 5-port divert bodies
- APC Body Styles 20, 22, 24, 26

### P8 Long Stroke

#### SWAPP 810 Shut-off Valve Insert

- For angle, cross or tangential bodies
- APC Body Styles 10, 15, 30, 65, 70, 80, 90

#### SWAPP 820 Divert Valve Insert

- For 3, 4, or 5-port divert bodies
- APC Body Styles 20, 22, 24, 26



Based in Charlotte, North Carolina, SPX FLOW, Inc. (NYSE: FLOW) is a multi-industry manufacturing leader. For more information, please visit [www.spxflow.com](http://www.spxflow.com)

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