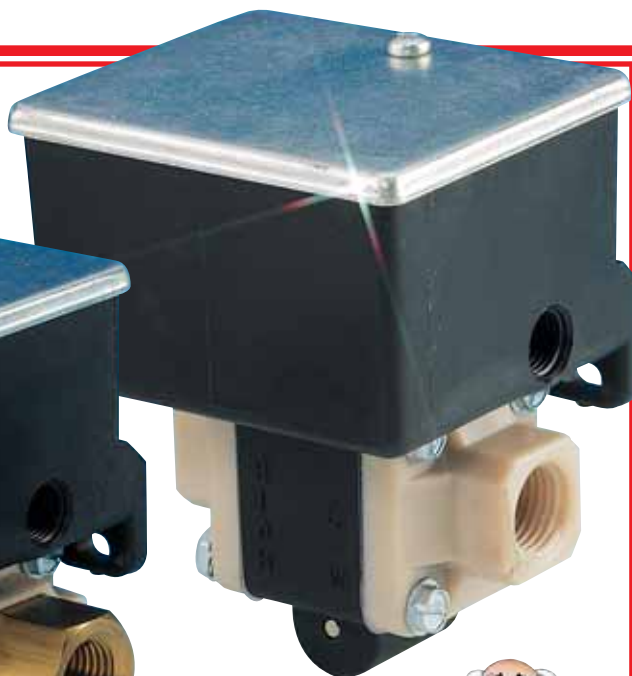


ECONOMICAL DIFFERENTIAL PRESSURE SWITCHES/ALARMS

PSW-180 Series 1 to 45 psi Models with 5 A Switch or 85 dB Audible Alarm

PSW-181, PSW-182,
\$75, shown smaller
than actual size.



Starts at
\$75



PSW-183, PSW-184,
\$80, shown smaller
than actual size.

The PSW-180 Series differential pressure switch offers a blend of small size, excellent performance, and environmental protection. The PSW-180 is available with switch contacts or as an audible alarm.

SPECIFICATIONS

Switch: SPDT rated at 5 A at 250/125 Vac, 5 A at 30 Vdc, gold-clad contacts

Audible Alarm: Internal 9 Vdc battery powered, continuous tone 85 dB (battery included)

Repeatability: 1% of span

Ambient Temperature:

Storage: -30 to 80°C (-22 to 176°F)

Operating: 0 to 70°C (32 to 158°F)

Max Media Temp:

95°C (203°F) @ 100 psi

Vibration: MIL STD 810C, 2.5 g
5 to 500 cps

Shock: 15 g, 10 ms duration

Working Pressure:

0 to 150 psid at up to 70°C (158°F)
air temperature; PFA limited
to 0 to 100 psi

Differential Proof Press.: 150 psid at
up to 70°C (158°F) air temperature;
PFA limited to 100 psid

Enclosure:

NEMA 4 (IP65), reinforced polyester
body, zinc-plated steel cover with
neoprene gasket, terminal block wiring

Adjustment: Multiturn screw,
accessible from outside enclosure

Not suitable for vacuum
on low side (piston not
attached to diaphragm).



Pressure Port:

¼ FNPT brass, ¼ NPSF polysulfone,
¼ Flaretek® PFA

Dimensions:

Polysulfone: 70 W x 60 D x 89 mm H
(2.75 x 2.38 x 3.5")

PFA: 102 W x 60 D x 89 mm H
(4 x 2.38 x 3.5")

Brass: 80 W x 60 D x 89 mm H
(3.13 x 2.38 x 3.5")

Weight: Approx. 165 g (5.8 oz)

MOST POPULAR MODELS HIGHLIGHTED!

To Order (Specify Model Number)

¼ NPSF POLYSULFONE	PRICE	¼" FLARETEK® PFA	PRICE	¼ FNPT BRASS	PRICE	ADJUSTABLE RANGE (psid)				SWITCH	TYPICAL DEADBAND
						ON FALL		ON RISE			
						MIN	MAX	MIN	MAX		
MODELS WITH 5 AMP SWITCH											
PSW-181	\$75	PSW-181T	\$203	PSW-183	\$85	1.0	9.0	2.0	10.0	5 A SPDT	0.75
PSW-182	75	PSW-182T	203	PSW-184	85	4.0	43.5	5.5	45.0	5 A SPDT	1.0
MODELS WITH 85 dB AUDIBLE ALARM											
PSW-186	\$86	PSW-186T	\$215	PSW-188	\$97	4.0	43.5	5.5	45.0	N/A	1.0

Comes with complete operator's manual.

Ordering Example: PSW-186, differential pressure switch with polysulfone process connection and internal audible alarm, \$86.

ACCESSORY

MODEL NO.	PRICE	DESCRIPTION
CM-0490	\$175	Reference Book: Chemical Process Equipment

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• Heaters

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