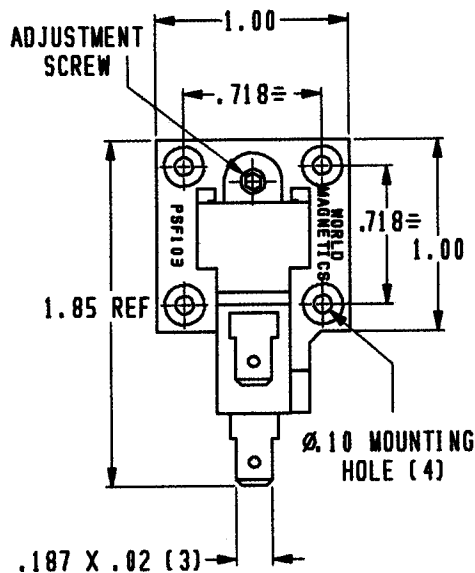
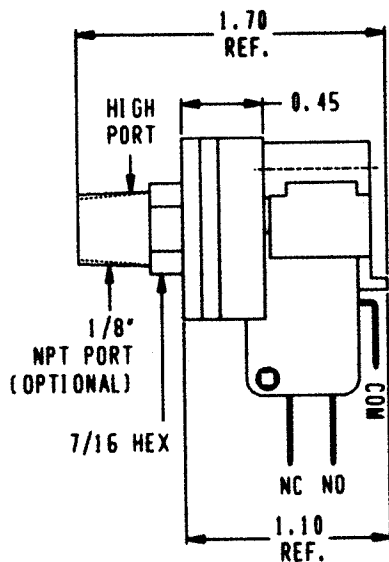
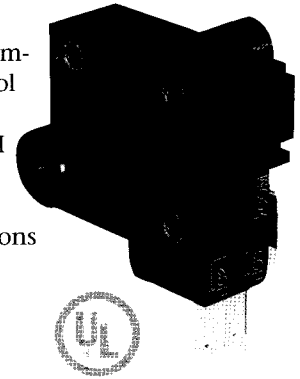


PSF103 Series *pressure switch • high current*



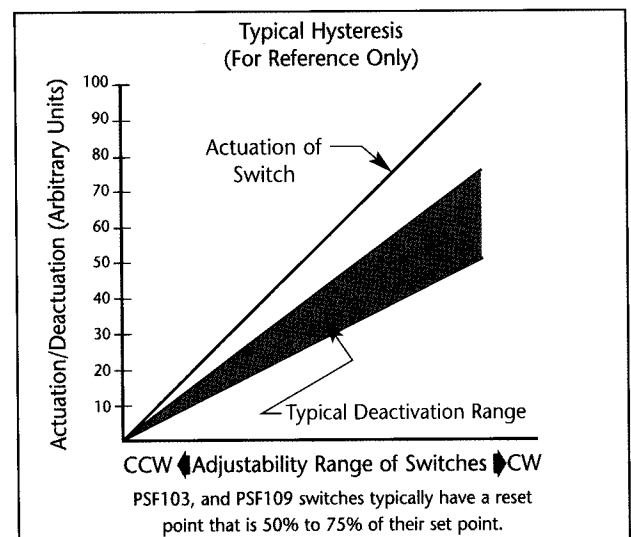
FEATURES

- Hysteresis (deadband) for compressor or refill motor control
- Field adjustable pressure set point, from 2" H₂O to 60 PSI
- Snap action basic switch, up to 25A, 125/250 VAC
- Variety of pressure port options
- Small size and lightweight



SPECIFICATIONS

MECHANICAL	
Standard Tolerance	±20% Tighter tolerances available
Switch Type	SPDT normally open or normally closed
Switching Medium	Air or compatible fluids
Mechanical Life	More than 10 million cycles
Proof Pressure	See Chart
Weight	Less than 20 grams
Operating Temp.	+40°F to +150°F (standard) -46°F to +205°F (consult factory)
PHYSICAL	
Mounting	Use #4 screws thru mounting lugs or #2 screws thru eyelets
Case Material	Polycarbonate standard
Contact Material	Silver (Gold available on special order)
Diaphragm Material	Polyurethane Standard
Electrical Connections	Terminals – .187"x.020" tab-type for use with quick disconnects (ref. AMP #2-520182-2 or equivalent)

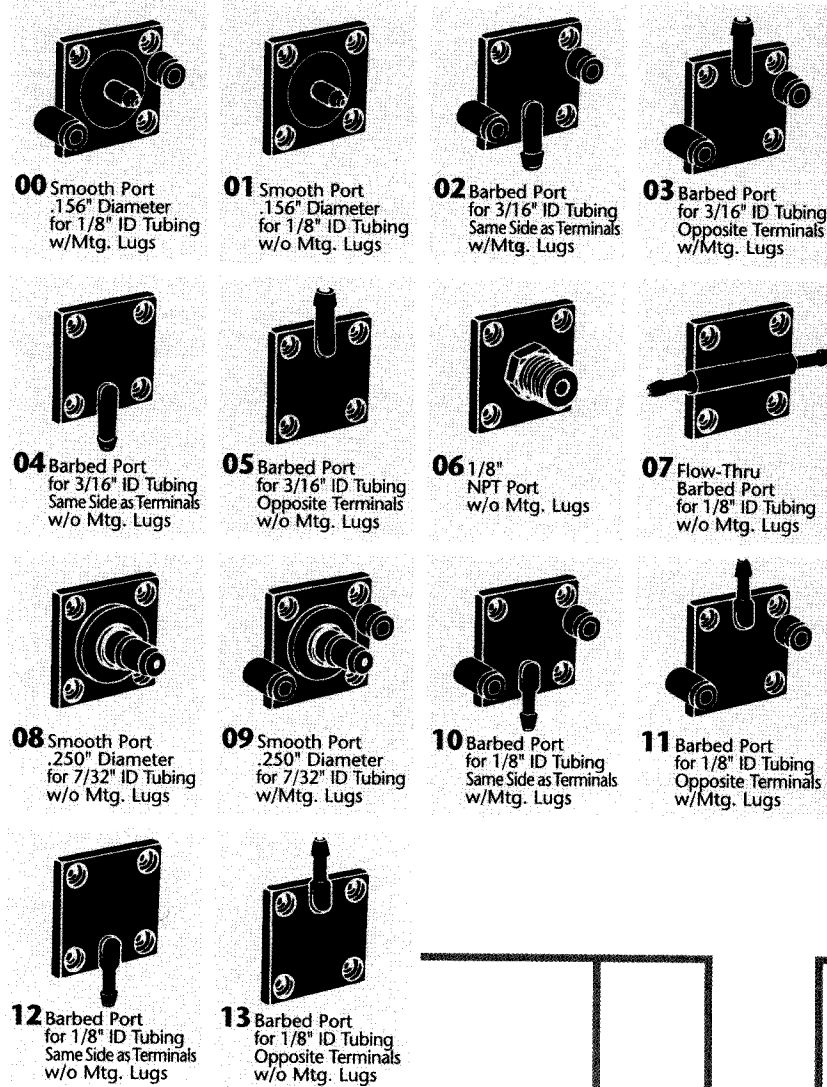


WORLD MAGNETICS ULTRA SENSITIVE PRESSURE SWITCHES

PSF103 Series *pressure switch • high current*

DESIGNFLEX™ OPTIONS With World Magnetics' exclusive DesignFLEX™ feature, you can choose from these available options to custom-design a pressure switch to suit your needs.

Pressure Port/Cover Options



Adjustable Pressure Set Point Options

Option No.	In. H ₂ O	mbar	PSI	Proof Pressure		Electrical 125/250 VAC
				Polyurethane	Teflon	
902	2 to 10	5 to 25	0.1 to 0.4	30 PSI	15 PSI	3A
903	10 to 28	25 to 69	0.4 to 1.0	30 PSI	30 PSI	10A
904	28 to 111	69 to 276	1.0 to 4.0	30 PSI	30 PSI	15A
905	111 to 416	276 to 1034	4.0 to 15.0	100 PSI	30 PSI	15A
906	416 to 1664	1034 to 4137	15.0 to 60.0*	100 PSI	30 PSI	15A

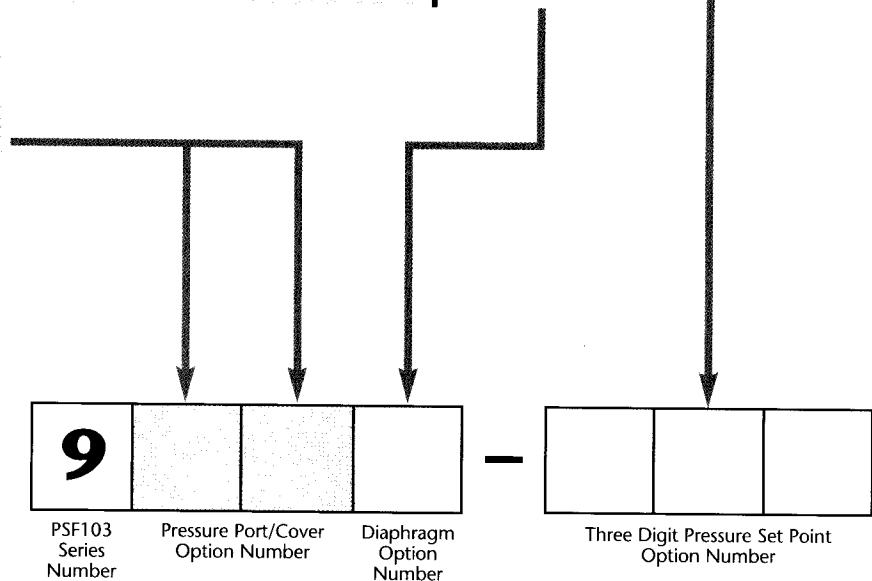
*30.0 to 60.0 PSI consult factory

Diaphragm Options

- 1** Polyurethane (standard)
- 2** Teflon (optional)

DESIGN GUIDE

Choose one option number from each of the above categories and arrange in the sequence shown here.



Example:

9061-902 = PSF103 Series ultra sensitive pressure switch with • Pressure Port Cover, 1/8" NPT PORT without Mounting Lugs • Polyurethane Diaphragm • Adjustable Set Point Range: 2" to 10" H₂O



WORLD MAGNETICS
Quick Response...Reliable Solutions

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