



World Magnetics' exclusive DesignFlex™ feature allows you to quickly custom design a proven pressure, vacuum or differential switch for your application. Choose from our standard PSF101 options as shown below or contact our vertically integrated in-house design and engineering team for special features and unique application needs. Sample switch available by request.

## SET POINT OPTIONS

	005	010	015	020	030	040	060	080	100	120	150	200	300	400	500
In. H <sub>2</sub> O	0.1 - 0.5	1.0	1.5	2.0	3.0	4.0	6.0	8.0	10.0	12.0	15.0	20.0	30.0	40.0	50.0
mbar	0.25 - 1.25	2.49	3.73	4.98	7.47	9.96	14.95	19.92	24.91	29.91	37.36	49.76	74.73	99.63	124.59
psi	0.004 - 0.018	0.036	0.054	0.072	0.108	0.144	0.217	0.289	0.361	0.433	0.541	0.722	1.083	1.444	1.804

## LOW PORT OPTIONS

## HIGH PORT OPTIONS

<b>1</b>		<b>2</b>		<b>1</b>		<b>2</b>		<b>3</b>	
	Smooth Port .156" diameter for 1/8" ID tubing w/mtg. lugs		Smooth Port .156" diameter for 1/8" ID tubing w/o mtg. lugs		Smooth Port .156" diameter for 1/8" ID tubing		Smooth Port .187" diameter for 5/32" ID tubing		Smooth Port .250" diameter for 7/32" ID tubing
<b>3</b>		<b>4</b>		<b>5</b>		<b>4</b>		<b>5</b>	
	Smooth Port .250" diameter for 7/32" ID tubing w/mtg. lugs		Smooth Port .250" diameter for 7/32" ID tubing w/o mtg. lugs		Barbed Port for 3/16" ID tubing w/mtg. lugs		1/8" NPT Port		Barbed Port for 3/16" ID tubing
<b>6</b>		<b>7</b>		<b>8</b>		<b>6</b>		<b>7</b>	
	Barbed Port for 3/16" ID tubing w/o mtg. lugs		No Port (.060" vent hole) w/mtg. lugs		No Port (.060" vent hole) w/o mtg. lugs		No Port (.060" vent hole)		Flow-Thru Barbed Port for 1/8" ID tubing
<b>9</b>		<b>0</b>		<b>Diaphragm Options</b> <b>1</b> Polyurethane (standard) <b>2</b> Teflon (optional)		<b>8</b>		<b>9</b>	
	Barbed Port for 1/8" ID tubing w/mtg. lugs		Barbed Port for 1/8" ID tubing w/o mtg. lugs				Barbed Port for 1/8" ID tubing		1/4" Port for Quick Connect Fitting

### Model Design Guide

For building standard model order number

PSF101 Series Number      Low Port Option Number      High Port Option Number      Diaphragm Option Number      Three Digit Set Point Option Number

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