

# PRESSURE SNUBBERS

## NPT, BSPT, AND METRIC THREADS—PROTECT YOUR PRESSURE GAGE/TRANSDUCER FROM PRESSURE SPIKES AND WATERHAMMERS!

### PS-8 Series

- ✓ Dampens Pressure Spikes in the Process Fluid Before They Reach the Sensor
- ✓ Made of High-Grade Stainless Steel
- ✓ Maximum Pressure Rating Up to 10,000 psi (690 bar) for Liquids

If your system has pressure spikes, waterhammers, pressure pulsations from a pump, or rapid pressure changes, using a pressure snubber can significantly prolong the life of your sensors. A pressure snubber dampens the spikes and surges that, over time, will

cause a pressure gage or transducer to fail. The pressure snubber has a porous metal disk that protects your gage/transducer.

Easy to install, the snubber goes between the gage/transducer and the process. A pressure snubber should be used whenever there is a question about what type of pressure fluctuations a gage/transducer might experience. PS Series pressure snubbers will fit almost all industrial pressure gages and transducers.



#### Dimensions

| SIZE | HEX FLATS |                 | HEX LENGTH (APPROX) |                 | THREAD LENGTH |                 | OVERALL LENGTH |                 |
|------|-----------|-----------------|---------------------|-----------------|---------------|-----------------|----------------|-----------------|
|      | NPT       | BSPT AND METRIC | NPT                 | BSPT AND METRIC | NPT           | BSPT AND METRIC | NPT            | BSPT AND METRIC |
| PS-8 | 5/8"      | 17 mm           | 2 1/32"             | 17 mm           | 1 7/32"       | 13 mm           | 1 13/16"       | 30 mm           |
| PS-4 | 3/4"      | 19 mm           | 3 1/32"             | 25 mm           | 1 1/2"        | 13 mm           | 1 15/32"       | 37 mm           |
| PS-2 | 1 1/4"    | 32 mm           | 1 1/4"              | 32 mm           | 2 9/32"       | 23 mm           | 2 5/32"        | 55 mm           |

### To Order

| THREAD<br>MODEL NO.    | (M&F)       | PORE OPENING mm (inch) |                 | CAP. CFH AT<br>1-psi-DIFF. PRESS | FOR USE WITH                      |
|------------------------|-------------|------------------------|-----------------|----------------------------------|-----------------------------------|
|                        |             | MEAN                   | MAXIMUM         |                                  |                                   |
| NPT MODELS             |             |                        |                 |                                  |                                   |
| PS-8D                  | 1/8 NPT     | 0.064 (0.0025)         | 0.127 (0.005)   | 6.5                              | Oil 225 to 500 SSU (10 to 50 SAE) |
| PS-8E                  | 1/8 NPT     | 0.033 (0.0013)         | 0.064 (0.0025)  | 3.0                              | Water and light oil 30 to 225 SSU |
| PS-8G                  | 1/8 NPT     | 0.010 (0.0004)         | 0.0025 (0.0009) | 1.1                              | Air, steam and gases              |
| PS-4D                  | 1/4 NPT     | 0.064 (0.0025)         | 0.127 (0.005)   | 6.5                              | Oil 225 to 500 SSU (10 to 50 SAE) |
| PS-4E                  | 1/4 NPT     | 0.033 (0.0013)         | 0.064 (0.0025)  | 3.0                              | Water and light oil 30 to 225 SSU |
| PS-4G                  | 1/4 NPT     | 0.010 (0.0004)         | 0.0025 (0.0009) | 1.1                              | Air, steam and gases              |
| PS-2D                  | 1/2 NPT     | 0.064 (0.0025)         | 0.127 (0.005)   | 6.5                              | Oil 225 to 500 SSU (10 to 50 SAE) |
| PS-2E                  | 1/2 NPT     | 0.033 (0.0013)         | 0.064 (0.0025)  | 3.0                              | Water and light oil 30 to 225 SSU |
| PS-2G                  | 1/2 NPT     | 0.010 (0.0004)         | 0.0025 (0.0009) | 1.1                              | Air, steam and gases              |
| BSPT MODELS            |             |                        |                 |                                  |                                   |
| PS-8D-M                | 1/8-28 BSPT | 0.064 (0.0025)         | 0.127 (0.005)   | 6.5                              | Oil 225 to 500 SSU (10 to 50 SAE) |
| PS-8E-M                | 1/8-28 BSPT | 0.033 (0.0013)         | 0.064 (0.0025)  | 3.0                              | Water and light oil 30 to 225 SSU |
| PS-8G-M                | 1/8-28 BSPT | 0.010 (0.0004)         | 0.0025 (0.0009) | 1.1                              | Air, steam and gases              |
| PS-4D-M                | 1/4-19 BSPT | 0.064 (0.0025)         | 0.127 (0.005)   | 6.5                              | Oil 225 to 500 SSU (10 to 50 SAE) |
| PS-4E-M                | 1/4-19 BSPT | 0.033 (0.0013)         | 0.064 (0.0025)  | 3.0                              | Water and light oil 30 to 225 SSU |
| PS-4G-M                | 1/4-19 BSPT | 0.010 (0.0004)         | 0.0025 (0.0009) | 1.1                              | Air, steam and gases              |
| PS-2D-M                | 1/2-14 BSPT | 0.064 (0.0025)         | 0.127 (0.005)   | 6.5                              | Oil 225 to 500 SSU (10 to 50 SAE) |
| PS-2E-M                | 1/2-14 BSPT | 0.033 (0.0013)         | 0.064 (0.0025)  | 3.0                              | Water and light oil 30 to 225 SSU |
| PS-2G-M                | 1/2-14 BSPT | 0.010 (0.0004)         | 0.0025 (0.0009) | 1.1                              | Air, steam and gases              |
| PARALLEL METRIC MODELS |             |                        |                 |                                  |                                   |
| PS-8D-MG               | 1/8-28 G    | 0.064 (0.0025)         | 0.127 (0.005)   | 6.5                              | Oil 225 to 500 SSU (10 to 50 SAE) |
| PS-8E-MG               | 1/8-28 G    | 0.033 (0.0013)         | 0.064 (0.0025)  | 3.0                              | Water and light oil 30 to 225 SSU |
| PS-8G-MG               | 1/8-28 G    | 0.010 (0.0004)         | 0.0025 (0.0009) | 1.1                              | Air, steam and gases              |
| PS-4D-MG               | 1/4-19 G    | 0.064 (0.0025)         | 0.127 (0.005)   | 6.5                              | Oil 225 to 500 SSU (10 to 50 SAE) |
| PS-4E-MG               | 1/4-19 G    | 0.033 (0.0013)         | 0.064 (0.0025)  | 3.0                              | Water and light oil 30 to 225 SSU |
| PS-4G-MG               | 1/4-19 G    | 0.010 (0.0004)         | 0.0025 (0.0009) | 1.1                              | Air, steam and gases              |
| PS-2D-MG               | 1/2-14 G    | 0.064 (0.0025)         | 0.127 (0.005)   | 6.5                              | Oil 225 to 500 SSU (10 to 50 SAE) |
| PS-2E-MG               | 1/2-14 G    | 0.033 (0.0013)         | 0.064 (0.0025)  | 3.0                              | Water and light oil 30 to 225 SSU |
| PS-2G-MG               | 1/2-14 G    | 0.010 (0.0004)         | 0.0025 (0.0009) | 1.1                              | Air, steam and gases              |

Ordering Examples: PS-8D-M, 1/8 x 1/8 BSPT snubber for oil.

PS-2E-MG, 1/2-14G x 1/2-14G parallel thread snubber for water.