

# Pressure Gauge Snubbers

## Porous, Piston and Adjustable Type

### Type 910.12.100 - Porous

### Type 910.12.200 - Piston

### Type 910.12.300 - Adjustable

WIKA Data Sheet 910.12

#### Applications

Pressure gauge snubbers are intended to suppress the effect of pressure pulses and pressure peaks. Porous snubbers incorporate a fixed mesh disk. Piston snubbers are supplied with five pistons for use with a variety of media. Adjustable snubbers are provided with an adjustable needle valve that enables the operator to restrict the flow as operating conditions may demand even when the snubber is in service.

Pressure gauge snubbers will considerably increase the service life of pressure gauges in harsh applications such as on reciprocating pumps and compressors, hydraulic presses or fluid power systems and will additionally improve the reading accuracy of the gauge.

Pressure gauge snubbers are effective for applications with pressures above 5 psi.

#### Standard Features

##### Pressure Connection

¼" NPT or ½" NPT male x female (see selection chart)

##### Body Material

Brass or stainless steel

##### Piston Material (Type 910.12.200)

Stainless steel

##### Needle Valve Material (Type 910.12.300)

Stainless steel

##### O-Ring Material (Type 910.12.300)

Brass: Buna-N

Stainless Steel: FPM (Viton®)

##### Pressure Rating

Brass: 3000 psi - 5000 psi

Stainless Steel: 5000 psi - 15,000 psi

(see selection chart)

##### Temperature Rating

14°F to 248°F (-10°C to 120°C)

##### Optional Extras (By Special Order)

- Pressure Connection: G ¼ B, G ½ B
- Degreased for oxygen service, maximum 725 psi at 60°C
- Material certificate per 3.1.B to EN 10 204



**910.12.100**  
**Porous**



**910.12.200**  
**Piston**



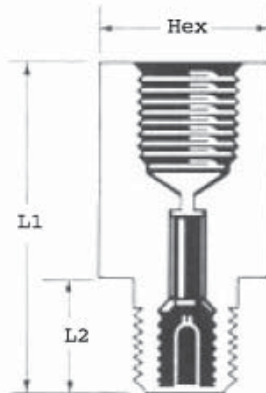
**910.12.300**  
**Adjustable**

## Installation and Instructions:

**INSTALLATION:** Type 910.12 pressure snubbers can be installed directly on the instrument to be protected.

**MAINTENANCE:** Type 910.12.100 porous snubbers can be cleaned by back flushing with a commercial grade solvent.  
Type 910.12.200 piston snubbers are generally self-cleaning, however they can be cleaned manually by removing the threaded cap inside the pressure port, then removing the piston. Metal parts should be cleaned in a commercial grade solvent.

Type 910.12.300 adjustable snubbers can be cleaned by backing the needle valve out from the body in a counterclockwise direction until it stops and back flushing the pressure port with a commercial grade solvent.



Type 910.12.200 piston snubber shown

### STANDARD SPECIFICATIONS

| Type                                | Part #   | Male x Female Connection | Body Material | L1 (inches) | L2 (inches) | Hex (inches) | Maximum Pressure (psi) |
|-------------------------------------|----------|--------------------------|---------------|-------------|-------------|--------------|------------------------|
| 910.12.100<br>Porous<br>Snubber     | 4341503  | 1/4" NPT                 | Brass         | 1.25        | 0.56        | 0.750        | 5000                   |
|                                     | 4341511  | 1/4" NPT                 | Brass         | 1.25        | 0.56        | 0.750        | 5000                   |
|                                     | 4001524  | 1/4" NPT                 | SS            | 1.50        | 0.70        | 0.750        | 15000                  |
|                                     | 50409671 | 1/2" NPT                 | Brass         | 1.73        | 0.80        | 1.125        | 5000                   |
|                                     | 50409662 | 1/2" NPT                 | SS            | 1.73        | 0.80        | 1.125        | 15000                  |
| 910.12.200<br>Piston<br>Snubber     | 4201639  | 1/4" NPT                 | Brass         | 1.60        | 0.53        | 0.810        | 5000                   |
|                                     | 4201647  | 1/2" NPT                 | Brass         | 1.90        | 0.63        | 1.125        | 5000                   |
|                                     | 4201655  | 1/4" NPT                 | SS            | 1.60        | 0.53        | 0.810        | 15000                  |
|                                     | 4201663  | 1/2" NPT                 | SS            | 1.90        | 0.63        | 1.125        | 15000                  |
| 910.12.300<br>Adjustable<br>Snubber | 50334603 | 1/4" NPT                 | Brass         | 2.40        | 0.58        | 1.000        | 3400                   |
|                                     | 50334611 | 1/2" NPT                 | Brass         | 2.40        | 0.75        | 1.000        | 3400                   |
|                                     | 50334620 | 1/4" NPT                 | SS            | 2.40        | 0.58        | 1.000        | 5800                   |
|                                     | 50334638 | 1/2" NPT                 | SS            | 2.40        | 0.75        | 1.000        | 5800                   |

### Ordering information

To order the described products, the 7-8 digit product number is sufficient. Optional extras required.

Modifications may take place and materials specified may be replaced by others without prior notice.  
Specifications and dimensions given in this leaflet represent the state of engineering at the time of printing.

