



Pressure Gauge Accessories

Pressure Gauge Restrictors

Accessories, Mechanical

Application

A pressure gauge device, typically a small orifice, that is either screwed or pressed into the pressure gauge socket. This small orifice restricts the fluid flow between the pressure source and the pressure element. It is used to reduce the effects of pressure fluctuations, frequently referred to as pulsation spikes.

Use of a restrictor will greatly increase the useful life of a pressure gauge by shielding the pressure element, Bourdon tube, from the constant fluctuations from a pulsating pressure source. Since the pressure fluctuations, pressure spikes, must enter the sensing element through a very small orifice, the sensing element sees a more constant flow of pressure rather than the extreme fluctuations.

When severe pressure spikes are encountered the use of an external pressure snubber is suggested. These are generally more robust and will stand up to extremely severe pressure spikes.

In very extreme cases when the pressure spikes greatly exceed the pressure range of the system being used, the use of an over pressure device is suggested. The valve is configured to close the opening to the pressure instrument when over pressure is sensed.

Forms

Threaded
Press-in



Standard Features

Materials

Brass
Monel
316 stainless steel

Optional Extras

M 3.5 thread (gauge socket dependent)
M 4 thread (gauge socket dependent)
M 5 thread (gauge socket dependent)
Various orifice diameters

THE MEASURE OF
Total Performance™

Ordering Information:

State computer part number (if available) / model number / size / range / connection size and location / options required.

Specifications given in this price list represent the state of engineering at the time of printing.
Modifications may take place and the specified materials may change without prior notice



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