

Press Release

January 2014

Gauge protectors and gauge snubbers by AS-Schneider:

Reliable protection for instruments

Nordheim, Germany - 29 January 2014 - The pressure inside a pipe is rarely constant particularly in industrial applications - static pressure increases or short-term pressure surges frequently tamper with the plant. Pressure instruments may be affected by these fluctuations. The consequences range from erroneous measurement results to irreparable damage if the maximum allowable pressure of the gauge is exceeded. This can be remedied with gauge protectors and gauge snubbers by AS-Schneider: They provide a reliable and economical solution to protect measuring instruments from the effects of pressure fluctuations.

Gauge protectors are designed for steadily increasing and continuous pressure such as in the thermal expansion of the medium in the pipeline. A shut-off valve is located in the interior which works against a spring. If the pressure in the line is less than the spring force, the valve opens. If the pressure force exceeds the spring force, a piston moves toward the valve seat and closes off access to the pressure gauge. Measuring Instruments are thus protected from damage. If the pressure drops below the set limit, the valve opens again.

The standard version of the AS-Schneider gauge protectors sits in a forged stainless steel or brass body. Other materials are, however, available for special requirements. The maximum set pressure is 600 bar; the maximum inlet pressure is also 600 bar for brass. Stainless steel is even higher at 1000 bar. Gauge protectors are suitable for use up to 80 degrees Celsius.

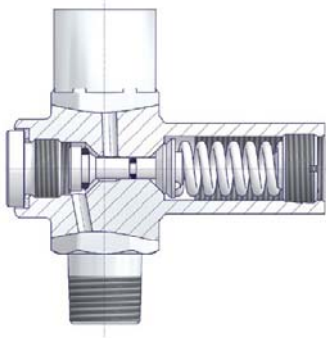
Press Release

January 2014

AS-Schneider gauge snubbers reduce the pressure spikes that can occur from the rapid closing of a valve. Pressure surges that occur at the gauge snubber inlet are reduced via an adjustable gap between the valve stem and the body seat. Measuring instruments can be read more accurately in this way because pressure fluctuations are smoothed out. Gauge snubbers can also be used as a timing element in a controller. Its body is usually made of brass but other versions in different materials using bar material are also available.

Scope: 2417 characters including spaces

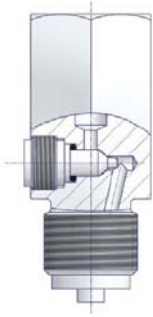
Captions:



Picture: The gauge protector is designed for steadily increasing and continuous pressure.

Press Release

January 2014



Picture 2: AS-Schneider gauge snubbers reduce the pressure spikes that can occur from the rapid closing of a valve.

Pictures from: Armaturenfabrik Franz Schneider GmbH + Co. KG

About AS-Schneider

The family-run company, AS-Schneider, was founded in 1875 and with over 300 employees, is one of the leading manufacturers of Instrumentation Valves and Manifolds worldwide. In the market segment for Large-Bore Diesel Engine Valves such as those used in marine propulsion and the generation of electricity, AS-Schneider is even the world market leader. With our own subsidiaries in Romania, Singapore, Dubai (UAE) and Houston (USA) and professional partners in more than 20 countries worldwide, we are located everywhere our customers need us.

Press contact:

Armaturenfabrik Franz Schneider GmbH + Co. KG
Anastassija Kinstler - Marketing and Public Relations
Bahnhofplatz 12 - 74226 Nordheim - Deutschland/Germany
Tel. +49 7133 101 187, Fax +49 7133 101 160
a.kinstler@as-schneider.com, www.as-schneider.com