

Pressure gauges for efficient measurement

Pressure gauges measure the physical pressure of liquid and gaseous media. Mechanical and electronic pressure gauges always measure a force per area. They indicate an overpressure, underpressure or differential pressure analogue with the manometer or digital with the pressure sensor.

Many variants, large selection

Analogue pressure gauges do not require an external power supply. These mechanical pressure gauges are used in safety-relevant installations. In applications with high dynamic alternating loads and vibrations, such as on a compressor, pressure gauges filled with glycerine are installed. So-called axle-damped pressure gauges are also possible in such environments.

The product range includes nominal housing sizes from 25 mm to 160 mm, corrosion-resistant housings and measuring elements, measuring ranges from vacuum to 1600 bar gauge pressure, self-sealing connection threads and other variants.

There is a wide variety of products in the field of pressure measuring instruments. In addition to pressure gauges, pressure switches, diaphragm seals and pressure sensors, level sensors are also included with various materials and designs.



Pressure gauges



Pressure switches



Diaphragm seals and process connections



Precision pressure transmitters

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Reliable switching behaviour, excellent repeat accuracy with pressure switches

A pressure switch opens or closes a switching contact as soon as a preset pressure is reached. Depending on the requirements, pressure switches with mechanical or electrical switching contacts, with or without display and various setting options are used.



Safe pressure measurement for demanding conditions

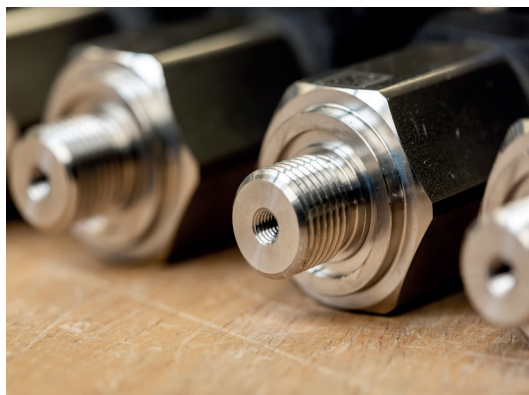
A diaphragm seal is a process connection with a separating diaphragm that separates the medium from the measuring instrument with a robust, elastic diaphragm. Diaphragm seals are manufactured with screw, flange, clamp connections and milk pipe screw connections with union nut or threaded connection.

Pressure sensors for industrial automation

Pressure sensors monitor the pressure and convert it into a standard signal. The electrical signal is transmitted to a display for indication or to a controller for further processing. The controller regulates actuators and drives in process automation based on the electrical input signal.



Pressure sensors are suitable for almost all industrial gases and liquids because they are available or can be combined with different sensor technologies, housing materials and electrical and mechanical connections.



Manometer valves, siphons, chokes and more

Accessories for the pressure gauges include adjustable chokes to reduce pressure surges, gauge holders for pressure gauges, overpressure protection devices and mounting sets for pressure gauges. Pressure gauge valves are used to isolate the pressure gauges from the process.



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