



Pressure differential devices, flow switches and pressure gauges

Precision is our passion

Dosch Messapparate GmbH Berlin. Your specialist and partner in differential pressure and flow measurement.



We stand for more than 90 years of German engineering

Since our first day, we have been a family business in which knowledge and experience are passed on. Day after day, our employees use their ideas and expertise to develop new solutions that stand the test of time. Our customers around the world rely on this.

Our core competencies:

- Engineering and consulting
- expertise
- Standards
- Certificates

Our customers place the highest demands on the quality of our measuring instruments. And rightly so, because the precision of our products ensures your company's success. This motivates us anew every day – both employees and the management.

This is how we apply our decades of experience in the field of flow measurement technology every day. Our technical expertise has been repeatedly certified by external institutions. All this allows us to tackle every new challenge with confidence.

We actively participate in further development international standards. As a member of the committee of the DIN EN ISO 5167 standard for pressure differential devices, for example, we are working on the revision of the first six parts six parts "Fundamentals, orifices, nozzles, Venturi tubes, wedge meters and cone meters".



As a manufacturer of pressure-bearing components, we have a range of expertise in the construction of pressure equipment:

- Certified manufacturer for pressure equipment in accordance with the Pressure Equipment Directive PED 2014/68/EU Module D (using AD 2000/EN 13480/ASME and others)
- Certified manufacturer and welding company according to AD 2000 regulations (HP O) / DIN EN ISO 3834
- Various EC type examinations for our products (PED 2014/68/EU)





Why you should choose Dosch measuring instruments!

Our quality

We manufacture high-quality products according to individual customer requirements as well as national and international standards. At the same time to the continuous improvement of our products and products and processes.

Service

With many experienced engineers and technicians, we are there for you as a reliable contact partner, even after the order has been processed. We support your projects with comprehensive advice and personal service and ensure a long service life for your systems.

Flexibility

We can offer tailor-made solutions flexibly. With short decision-making processes, production options in small and large quantities, individual advice and delivery times as required we realize your wishes.

Partnership

We are partners to our customers and are there to advise them. Together we will find the best solution for the measuring tasks in your systems.



Pressure differential devices in the Trend of Time



By using our primary devices for your differential pressure or flow measurement, you ensure our primary devices, you ensure permanent and safe plant monitoring. Whether you want to control liquid or gaseous media, whether aggressive or non-aggressive, whether clean or containing solids. When differential pressure meters are chosen for the flow measurement, you can rely on a cost-efficient solution: Thanks to the durable and reliable technology that has been successfully used for decades, differential pressure devices are often cheaper than other measurement systems. At the same time, they can be used with almost all media and process conditions. This flexibility makes our dP-Flow devices so popular.

Send us your individual inquiry and convince yourself of our reliable differential pressure flow devices! We develop the primary devices exactly to fit your differential pressure transmitters.

Pressure differential devices from Dosch

- Special Solutions in Custom Manufacturing for Your Need**
- Individual Consultation for Your Concerns**
- Certified Quality for Manufacturing according to ISO 5167**
- Own Documentation Department to Meet All Requirements**
- Know-how for 90 Years Including Project Management**

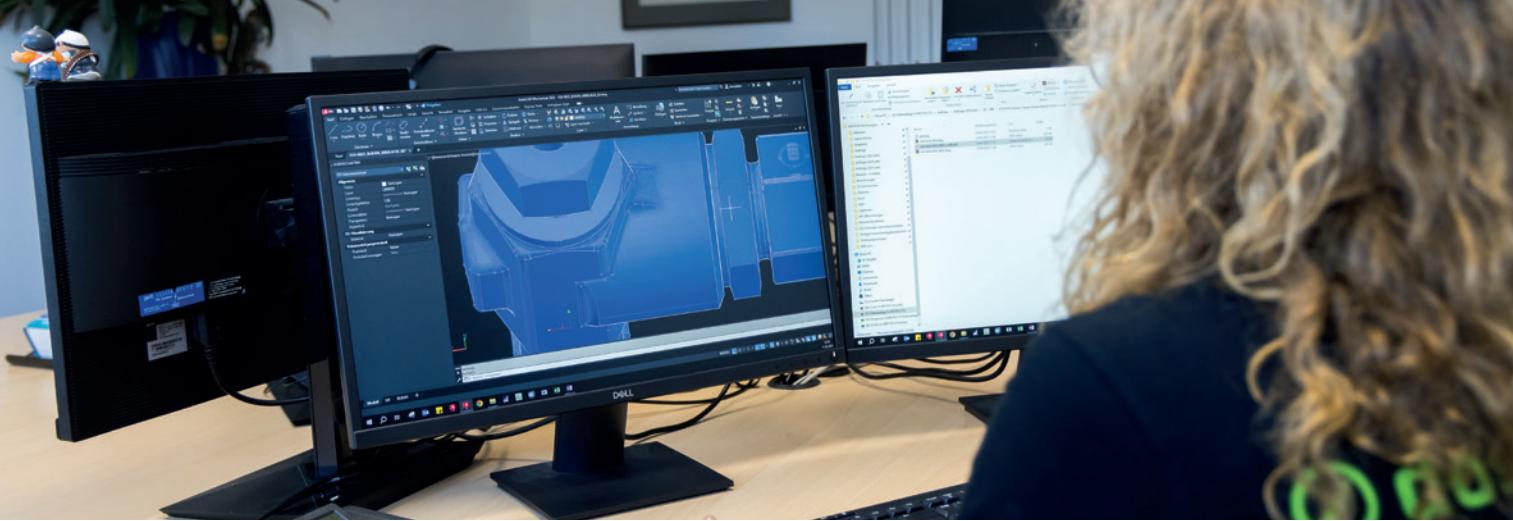
Venturi Tube according to ISO 5167 for Precise Flow Measurement

When it comes to the precise measurement of the flow of aggressive and non-aggressive gases, vapors, and liquids, a Venturi tube is an excellent choice. Venturi tubes enable minimal pressure losses at high mass flows. With this type of differential pressure device, the short inlet and outlet sections are particularly advantageous. In the oil and gas industry, as well as in the chemical industry, especially petrochemicals, or in power plants, our Venturi tubes according to ISO 5167 are used. Due to their precise and reliable measurement, Venturis are generally very popular in plant engineering. Dosch Measuring Instruments specializes in the manufacture of Venturi tubes, in addition to other dP flow devices. For example, after redefining the application range of machined Venturis up to 350 millimeters in diameter, we adapted them within a short time. We offer you individual Venturis in various designs. You will be thoroughly advised by us in advance. Subsequently, our team manufactures the tubes according to your requirements. Any diameters and the use of special materials, such as nickel-based alloys and plastics, are possible.

Restriction orifice plates for Pressure Regulation

To achieve defined pressure reduction in the processes of your plants or in blow-off lines, restriction orifices are indispensable. A restriction orifice is suitable for all single-phase media to promote, process, and forward them. Restriction orifices reduce pressure or limit flows in your plants during regular operation, but also in emergencies. Therefore, they are mainly used in the oil and gas industry, in the chemical industry, and in power plants. Nevertheless, restriction orifice plates also prove themselves generally in plant engineering. In special cases, restriction orifices can also be used to limit the flow.





Flow Monitors for Industrial Control and Safety

Benefit from Dosch flow monitors: With high durability in harsh industrial environments, our flow monitors set internationally recognized standards. Flow monitors, also known as flow switches or flow sensors, reliably monitor the flow in pipelines and impress with their easy handling and uncomplicated installation and removal. Whether under high pressure, extreme temperatures up to 300°C, or special installation situations – we offer the right solution for your industry. For highest precision, our flow monitors are equipped with potential-free switching contacts, including SPDT switches (magnetic or micro switches) or inductive slot initiators or magnetic proximity switches according to NAMUR standard. Our portfolio includes pendulum flow monitors for liquids and gases with higher flow velocities, wind vane flow monitors for gas, flow monitors with Pitot tubes or baffle plates – individually adapted to your requirements. All devices stand for highest quality and reliability.



Discover now our flow monitors or send us a direct non-binding inquiry!

Dosch Flow Monitors

- ✓ **Quality that convinces:** Developed for maximum durability; shock-resistant and reliable in harsh environments.
- ✓ **Experience that counts:** Benefit from our many years of expertise in flow monitoring.
- ✓ **Custom-made instead of off-the-shelf:** Tailor-made solutions in solid craftsmanship – no mass production.
- ✓ **Applicable across industries:** The ideal solution for any application, regardless of the industry.
- ✓ **Certified:** SIL factory certificate and CE according to DGRL.

Pressure, Temperature, and Humidity

For the simple measurement and display of physical pressure and differential pressure, we offer a wide range of manometers for liquids or gases. In addition to Pitot tubes according to Prantl and cylindrical probes for flow measurement via dynamic pressure, our delivery program also includes a variety of other designs as well as handy measuring devices for determining temperature or building moisture.



Also in our product range: machine thermometers, resistance thermometers, building and air humidity measurement. Authorized dealer of Testo SE & Co.

We say “Thank you”

Dear partners of DOSCH Messapparate GmbH,

We would like to thank you for your continued support and cooperation.

Your partnership is invaluable to us and contributes significantly to our joint success.

We look forward to many more successful projects and continued cooperation based on trust.



Schrauben und Verbindungselemente, speziell für die Prozessindustrie.

Befestigungsteile für die produzierenden Zulieferer und Apparatehersteller als auch für die Instandhaltung, servicegerecht für Dienstleister und Betreiber. Wir haben das passende Sortiment und wenn nötig die Expressfertigung.

Kaiserspezial eben.
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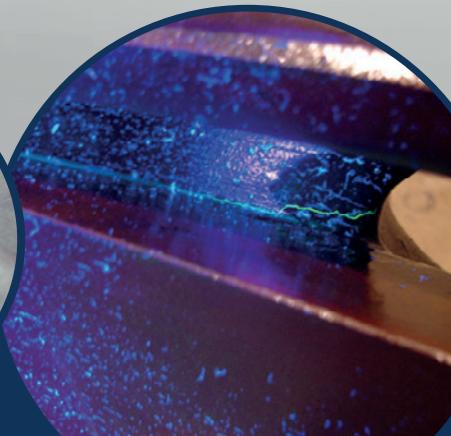


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zerstörungsfreie Werkstoffprüfung, Metallografie und Materialanalyse*.

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*: Ultraschallprüfung, Durchstrahlungsprüfung, Oberflächenrissprüfung, Wirbelstromprüfung, Sichtprüfung, Dichtheitsprüfung, Wanddickenmessung, Härteprüfung, Materialanalyse mittels Funkenspektrometrie oder Röntgenfluoreszenz-Analyse

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