

As an internationally oriented family-managed company, for four generations SIKA has stood for reliable and precise measurement, control and calibration technology.

QUALITY At our Kaufungen headquarters in the heart of Germany, our 340 employees have been developing and producing high quality and durable products "Made in Germany" since 1901. In our own accredited calibration laboratory for temperature, pressure and electrical measurable variables, we ensure that your equipment continues to work precisely and reliably at all times, even after years of use.

COMPETENCE From industrial thermometers to reference-temperature sensors, from flow switches to magnetic inductive flow sensors and from sensors to calibrators – we have the right product. SIKA products combine more than four generations of expertise and comprehensive insight into the market with the latest technology and innovative solutions.

CUSTOMER PROXIMITY We serve our customers around the world with a global network of subsidiaries and sales partners. Our technical consultants competently recommend the most suitable product from our extensive range while also keeping costs in mind. Alternatively, we can also develop the solution that best fits your task.

Sensors and Measuring Instruments

Alongside standard industrial thermometers – which we invented over 80 years ago and which are still the benchmark for quality on the market – the measurement and sensor technology segment includes a wide spectrum of mechanical, digital and mechatronic thermometers, manometers and temperature sensors.

We are your reliable partner for special applications and solutions that are specifically matched to your metrological tasks. The development and production of our products reflect high standards and "Made in Germany" quality.



Industrial thermometers

- Case sizes in 200, 150, 110 mm
- Two standard versions: Straight and 90° angle
- Custom versions on request
- Various scale ranges from -60...40 °C to 0...600 °C



KombiTemp®

- Combination of electrical sensor and local display
- Measuring ranges from -30 to 200 °C
- Easy to read display of current reading



Dial thermometers

- Various scale ranges from -40...40 °C to 50...650 °C
- Nominal sizes: 63 to 160 mm
- Gas-filled or bi-metal version



ModulSensors

- Temperature, pressure, level, flow and humidity
- Limit switch, transmitter, full version with display or wireless-transmitter
- 4...20 mA HART



Digital thermometers

- Accurate and robust
- Versions with solar cell or lithium battery
- Display ranges -40...650 °C



Temperature sensors

- Various temperature ranges -200...1500 °C
- Custom versions on request
- OEM versions



Mechanical pressure gauges

- Pressure measurement of liquid and gaseous media
- Nominal sizes: 63 to 250 mm
- 0...2.5 mbar to 0...4000 bar
- Safety versions



Protection tubes for thermometers

- For screw fitting or weld fitting of thermometers with external thread or a union nut
- Wide range of materials
- Accessories: neck tube, screw plug, double threaded adapter



Flow Measuring Instruments

SIKA has been developing and manufacturing sensors for flow measurement and flow monitoring for more than 45 years. From paddle flow switches and turbine flow sensors to contactless flow measurement with MID or based on the vortex principle – we have the ideal device for your application.

For individual solutions – tailor-made to specific customer measurement tasks – we carry ten different functional principles in our sensor line. The great number of different measuring principles paired with many years of experience makes us a strong partner for your application.



Flow switches

- Inline types DN 8...DN 50 or insertion types up to DN 200
- Magnetic force instead of springs, long term stable setpoints
- OEM versions



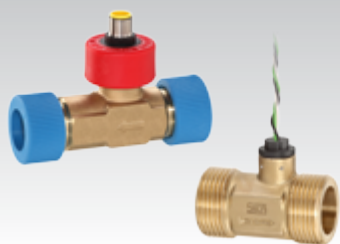
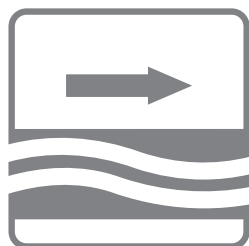
Vortex flow sensors

- Fully encapsulated piezo ceramic pickup sensor
- Sizes DN 15, 20 and 25
- Integrated temperature sensor
- Thread connection or QuickFasten



Magnetic inductive flow sensors

- Plastic version DN 3...DN 25 for OEM applications
- Metal version DN 7...DN 20 for plant and machinery
- Flanged version DN 15...DN 200



Turbine flow sensors

- For water and other low viscous liquids
- Plastic, brass, st. steel, DN 10...DN 300
- Push-in cartridges for armatures and manifolds
- OEM versions



Positive displacement flow sensors

- For oil and other viscous liquids
- High resolution, excellent accuracy from 0.008 l/min
- Ductile iron, stainless steel and aluminum versions



Oval wheel flow sensors

- Positive displacement flow meters
- No inlet/outlet sections required
- Long-term stability
- Low pressure drop



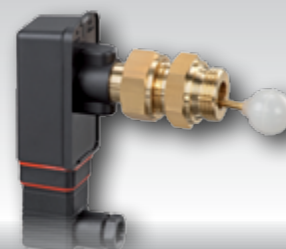
Electronic flow monitors

- Insertion installation into pipes DN 15...DN 150
- No moving parts
- Set point adjustment by potentiometer
- Compact or separate version



Transducers

- Both panel mount and local displays
- Transducers and frequency dividers



Level switches

- Lateral installation
- For water, oil and other media
- Medium temperatures up to 110 °C
- Plastic, brass and stainless steel versions



Test and Calibration Instruments

Reliable, long-term measurement technology, innovative calibration technology and a comprehensive range of services provided by our own DAkkS (national accreditation body) laboratory for temperature, pressure and electrical standard signals are what set our test and calibration technology product range apart.

The field-tested components for the measurement and control technology help our customers to secure the long-term, uniform quality of their products and to ensure the efficiency of their production processes. Our strength is the flexibility to provide customised solutions based on our wealth of experience.



fastest & most stable control worldwide

Temperature calibrators

- Dry-block, micro bath, infrared and surface
- Temperature ranges -55...1300 °C
- Effective and compact with a wide range of features



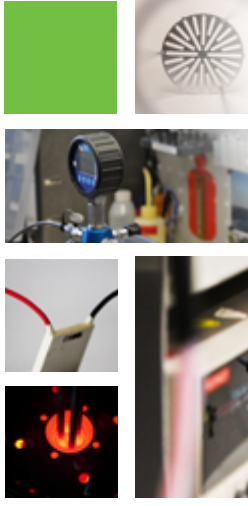
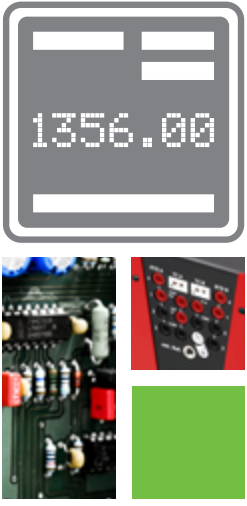
Test pumps

- Pneumatic and hydraulic pressure pumps
- Pressure ranges -0.95...1400 bar
- Ideal for mobile applications
- No power supply needed



Digital pressure gauges

- Display ranges -1...2500 bar
- Display accuracy up to 0.025 %
- Temperature compensated measuring cells and electronics
- Selectable units



Oil Deadweight Testers

- Highest accuracy with 0.015 % of reading
- Pressure ranges 0.25...1400 bar
- Free calibration to local gravity values according to DAkkS standard



Hand-held instruments

- Contact measurement for temperature and pressure
- Easy operation and high measurement accuracy



Simulators

- For temperature, pressure, current, voltage, resistance, frequency or pulse rate
- Various configurations
- Powerful single-function and multi-function simulators



Calibration Services

- Accredited calibration lab
- Temperature ranges -30...1300 °C
- Pressure ranges 1...1200 bar
- Electrical signals mA, V, Ω



Sensors and Measuring Instruments



Flow Measuring Instruments



Test and Calibration Instruments



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