

SENSORS

PERFECTLY MATCHED

We develop and manufacture sensors
for monitoring level, flow and position



YOUR SPECIALIST FOR SENSORS

About us

We are a family-run, medium-sized company. As a specialist in reed sensors, we have been developing and manufacturing customer-specific sensors for 30 years. At our location in Mühlheim am Main, 48 employees manufacture your sensors according to strict quality guidelines (ISO 9001). We are characterized by a strong customer orientation, flat organization, good team spirit and short distances.



Dirk Mühlhauser
CEO

Optimal sensor solutions

You will receive exactly the right sensors for your application from us. In many cases we fall back on our extensive modular system. We also implement completely new developments for you (OEM). With our own tool shop, plastic injection molding shop and cable assembly, we are ideally positioned for you.



adjustment of sensors,
PC-controlled

Used in many industries

Customers from different industries and of all sizes have been convinced of our products for years.



YOUR REQUIREMENTS - OUR INDIVIDUAL SOLUTION

We offer you customized sensors.

This has 3 relevant advantages for you



Save time and money

You don't need to make any changes to your device. The sensor fits exactly into your application and can be electrically connected quickly and easily.



Efficiency and reliability

Our tailor-made sensors fulfill their tasks permanently, energy-saving and reliably, thanks to the adapted design and high quality.



Advice from experts

Our supervising designer will inform and advise you at eye level. We work with you to develop your optimal sensor until everything really fits.

We are proud that we always give our customers the best possible support and help them achieve their goals quickly. Contact us today and learn more about how we can help you meet your unique needs.

The aim is to develop a solution that is perfectly tailored to your needs.

5 STEPS TO YOUR SENSOR



Information and advice

We record your requirements and conditions of use. Then we clarify the functionality, assembly and the electrical connection.



Construction

We develop your sensor taking into account the technical and economic aspects. The structure will then be refined and optimized together with you until you give your approval. On request, we can create a 3D model for you or build a sample.



Production

We rely on a high level of in-house production (approx. 86%) in order to be able to react quickly and flexibly. We reduce delivery times by storing materials accordingly.



Quality check

We value the highest quality. All products are 100% inspected. Our QM system is certified according to DIN ISO 9001.



Delivery and service

We will deliver the sensors to you on the agreed date. We are happy to support you with short-term changes, processing via your online portal and other individual requests.

LIQUID MONITORING



Float Switches

Level monitoring

- for many liquids
- different sizes and designs
- many materials (plastic, stainless steel)
- 1 or more switching points
- energy-saving (no auxiliary energy)
- reliable and durable



Suction lances

emptying or filling containers with empty detection

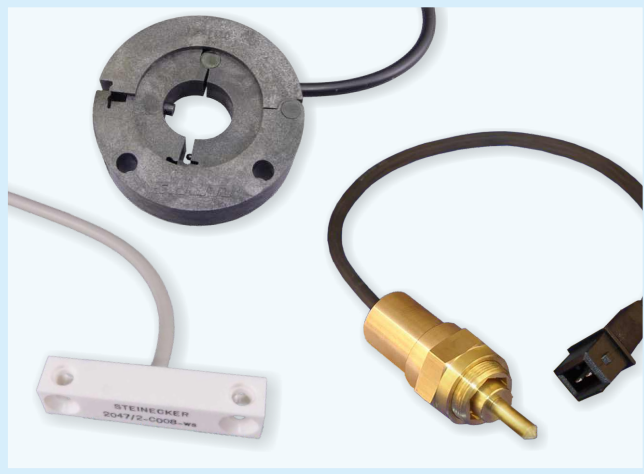
- through integrated float switch
- different sizes and designs
- several types of fastening (clamping, lugging, screws)
- materials: PP, PE
- filter screen, check valve



Flow switch

Monitoring a flow rate

- high process safety through permanent monitoring
- different sizes and designs
- energy saving
- various media connections
- reliable and durable
- compact, light



Reed sensors

proximity switches - contact free switching when a magnet approaches

- many different designs
- long life span
- very low contact resistance
- Switching time approx. 1ms
- energy saving
- galvanic isolation
- switching contact hermetically closed



Reed relays

Durable and reliable shifting from the smallest signals to high voltage

- different sizes and designs
- switching voltage up to 10 kV/DC
- long lifetime
- high insulation resistance
- low contact resistance
- switching time approx. 1ms



Floats

For almost every application, with an integrated magnet

- different sizes
- different designs
- different materials (PP, PE, NBR, stainless steel)
- compact, light
- custom-made products possible

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certified to:
ISO 9001



certified to:
ISO 14001

