



Your Partner for Innovative Sensor Solutions



Concept ■ Consultancy ■ Development ■ Production

captor from weber

weber has been a decisive factor in the development of industrial electronics in general and the sensor industry in particular.

Several of today's standard electronic technologies that enable automation, are based on **weber's** developments.

Among notable innovations from **weber** are:

- two wire electronic, inductive proximity switches
- pioneering of the „calorimetric principle“ in Flow Technology
- the resin encapsulation of electronic circuits that enabled development and production of sensors for rough industrial environments.



weber has foreseen upcoming requirements and trends and reacted accordingly. This led us, as early as 1958, to the introduction of the first inductive proximity switches.

In 1973 **weber** introduced, under the trade name **flow-captor** and **vent-captor**, the first industrial flow sensors, based upon a calorimetric principle. **weber** has focused, since that time, all their development on this very important subject, the development of industrial flow sensors.

Many of today's flow sensors don't meet the demanding requirements of modern automation. They are unreliable, poorly packaged and overpriced.

For these new requirements and applications in the flow sensing industry, the calorimetric Technology provides the ideal solution.

There is not an industry without **captor** sensors. The famous **foto-captor**, for example, is still the most widely used Hot Metal Detector for the steel industry worldwide.

Throughout the industries and around the globe, weber Sensors supplies solutions to the industry leaders such as Siemens, GE, Boeing, Goodyear... In fact Fortune 500 companies account for over 80% of **weber** Sensors Sales.



How it started:

Günther Weber started his first business in Weinheim, Germany a small town near Heidelberg, with the development and production of sophisticated, electronic measuring equipment for the steel industry.

By working with this industry he learned how to design equipment and sensors capable to survive this harsh industrial environment.



1955 The first static infrared Hot Metal Detectors without moving parts and without adjustment potentiometers were introduced to the steel industry.

This development became the famous **foto-captor** that is still the leading HMD in the steel industry.



1961 The first two-wire inductive proximity switch was introduced by **weber** as a direct replacement for mechanical limit switches. This was the start of a new era in the sensor industry.

Many of today's well-known proximity switches can be traced back to the **proxi-captor** of **weber**.

Based on the early pioneering and developments by **weber**, Germany is today the leading world supplier of proximity switches.



1965 The small "Technology workshop" had to expand. **weber** founded weber Elektronik GmbH & Co KG at its new location in Kollmar, north of Hamburg, Germany.



1968 Two new families of products were emerging, both based on the calorimetric principle, utilized for the first time in industrial applications by **weber**:

the **flow-captor** and the **vent-captor**.

These products opened new markets for the company and they became the building blocks for growth in the coming years.

1979



The success of the **captor** line required a wider, international orientation for Sales, Marketing and Customer Service. For this **weber Sensors GmbH** was established.

The **captor** line was expanding. The requirement of reliable system in automation created new applications and with it came the development of new products.

1982



The increasing demand of **captor** products then required a factory for manufacture of standard products. Ireland was selected as the location and **weber Sensors Ireland Ltd** was established.

At the same time the sales in the UK started growing; **weber Sensors Ltd.** was then established in Southport, UK.

1986

There were already activities in the USA, and this was the right time to put more emphasis on the US market, **weber Sensors Inc.** was then established in North Lima, Ohio.

1997



weber Sensors Inc. (WSI) was then exclusively serving the steel industry. But soon the activities were expanded to the much bigger potential outside the steel industry. This required a better-suited location and WSI moved to Woodstock, Georgia.

Due to the evolving global economy in the 1990ties, the different **weber companies** started working together as a group, we call it the "**captor group**".

1999

The **captor group** was growing. For better coordination and support of the members of the captor group, **captor Management Inc.** was established.

2001

We have worldwide over 100 dedicated employees specialized for the development, production, sales and customer support of **captor** products.

They all help our customers and partners with the task of advancing automation.

OEMs throughout the world like to work with **captor** products from **weber**. Not only because of the wide application of **captor** products , but because of the global network of the **captor group** for customer service and support.

Future safe solutions



The requirements for automation are steadily changing. By working together with leading companies of different industries, **weber** is always on the forefront of new technologies, to the advantage of their customer.

For the last 50 years our customers and their special requirements have always been the focal point of our concern.



Günther Weber has always headed R&D; this is his expertise and one of the reasons for **weber's** success today.

Innovation and know how, together with over 50 years of industrial experience is the reason for the leading edge of the **captor** products.

Quality first

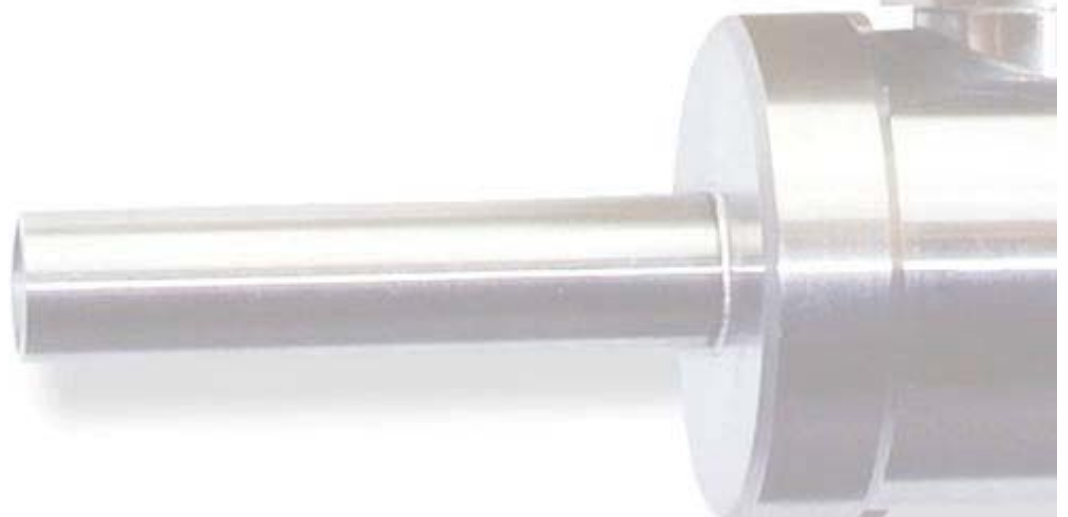


Quality has been the upper most goal and corporate culture of the **captor** group.

ISO 9001 certifies not only the quality of the products, but also the quality of the internal communication and logistics.

We are proud to have, with our **captor** products, the best quality and highest reliability for our customers, combined with leading edge technology.

We provide world wide consulting, support at the planning stage, installation and commissioning of **captor** systems.



System Partnerships



Many of our customers are international operating OEMs and system integrators. Our contribution to such a partnership exceeds normal customer / supplier relationships. In close cooperation with our customer partners we develop "integrated sensor solutions" designed for the entire concept of the system.

The combination of the industry specific know how of our customer with our unique experience and knowledge of the electronic sensors results in the most economic technical solution for the task in hand.

The global **captor** network provides reliable local support all over the world.

The captor Group



For better positioning, the **weber** companies together with their partner on the world market, the **captor** Group has been established.

The aim of the **captor** group is a close cooperation of equal minded partners that supplement and support each other.

The **captor** group is united under the umbrella of the **captor** trademark.

The members of the **captor** Group transfer certain staff functions, like marketing for example, to **captor Management Inc.** (cMI). cMI acts as the service company for the member of the **captor** Group. This strengthens the marketing position of each individual member and increases the efficiency.



Figures & Facts - Summary

captor Companies

weber Sensors GmbH (Germany)

Specials Manufacturing, Development, Sales & Service
ISO 9001 certified

Register Number: HRB 0235, Registergericht Itzehoe
Register Date: 1979 (weber Sensors GmbH)
Management: Mr. Dipl. Ing. Günther Weber
Mrs. Inge Decker

weber Sensors Ltd. (UK)

Management: Mr. Dipl. Ing. Günther Weber
Mr. Gary Livingstone

Sales & Service
ISO 9002 certified

weber Sensors Inc. (USA)

Sales & Service, Specials Manufacturing
Management: Mr. Dipl. Ing. Günther Weber
Mr. Larry Flanagan

weber Sensors Ireland Ltd. (Ireland)

Manufacturing
ISO 9002 certified
Management: Mr. Dipl. Ing. Günther Weber
Mr. Brendan Blacklock

captor Property Management Inc. (USA)

Property and Assets Management

captor Management Inc. (USA)

The Management Organization of the **captor Group** supplies staff functions and services to the other group members, like Marketing, R&D, Strategic Communication etc.

Employees

Approx. 100 employees (weber Sensors Group)

Turnover

approx. 6 Mill. EURO (worldwide, consolidated)

Representatives

wordwide



captor is a registered trademark



The captor Group



For over 50 years weber Sensors has been a leader in sensor innovation worldwide. From these activities the captor Group evolved, providing engineered solutions for industrial automation and factory floor communication throughout the world.

The captor Group is a unification of companies from a variety of industries and technologies addressing the marketplace under the captor umbrella. The members of the captor Group are sharing resources

and know how and - most important - share and benefit from the market recognition of the trade mark "captor", that stands for products and services you can rely on. Members of the captor group are worldwide.

For more information, please write to info@captor.com

weber

Sensors Inc

Member of the captor Group

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