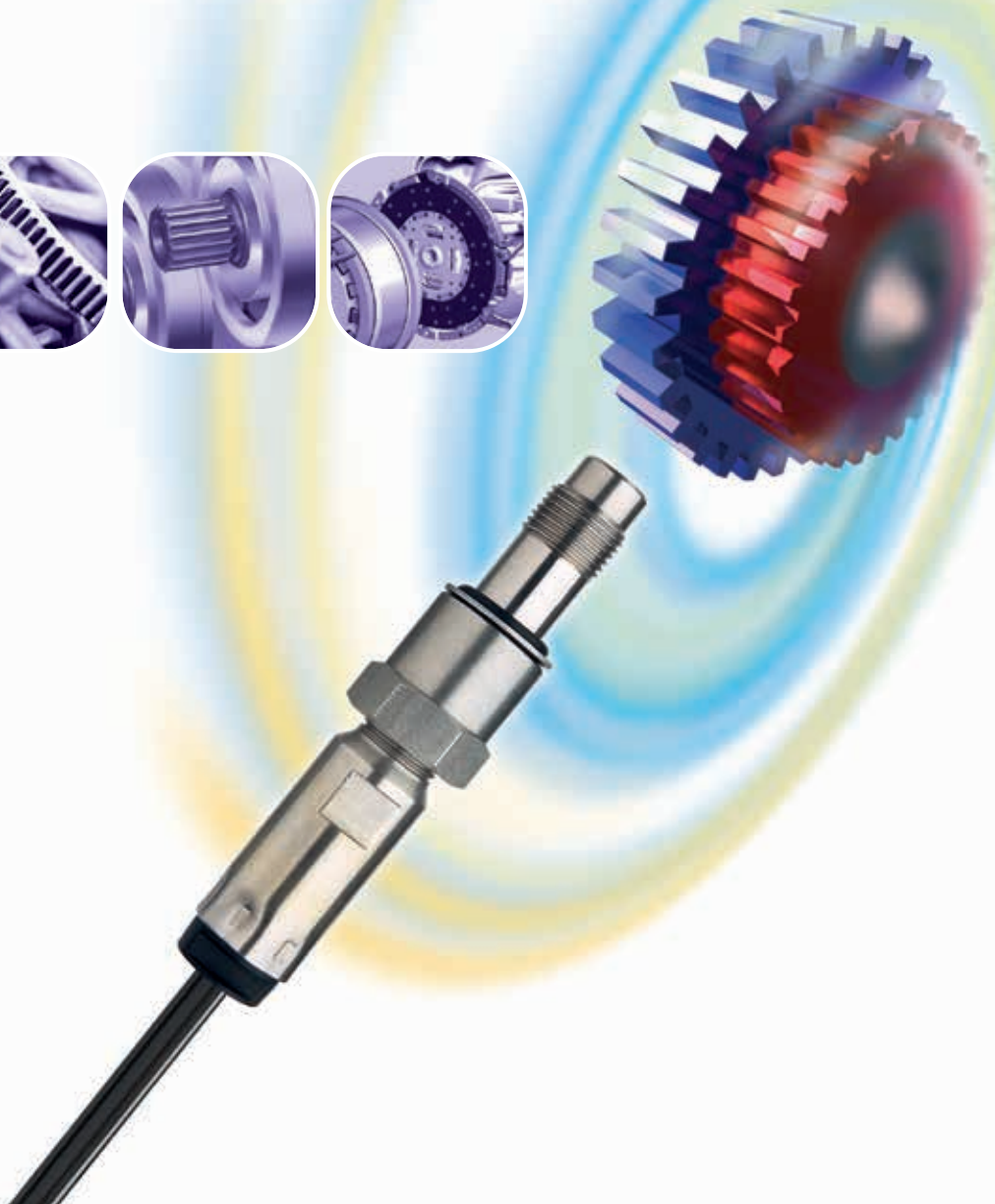


For reliable measurement, control and indication of rotational speeds



# Rotational speed sensors

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Perfectly adapted to your area of application and your requirements



**Bring your most difficult jobs to us.  
And your most sensitive ones.**

Material handling machines, earth-moving equipment, machine tools, excavators, tippers, rail vehicles, wind power plants, large diesel engines, hydromotors, electromotors, transmissions – every area of application and every customer creates different, sometimes extremely demanding challenges, for rotational speed measurement technology.

In over 100 years of practical experience we have always created the right sensor for every requirement. We guarantee that you will get each of our products at a competitive price, irrespective of whether you need a few hundred thousand or just a couple of dozen sensors per year.

**Customer focussed. That's how we work.**

Which sensor do you need? We work closely together with you to find the right answer. Thoroughly understanding your particular needs and working conditions is the prerequisite for developing the right sensor solution.

Sometimes we have the ideal solution in stock. If not, we adapt a standard model to your intended purpose, or we develop the perfect sensor to meet your requirements.

For AC-forklift trucks, for example, we provide robust, high-precision sensors. These measure the rotational speeds and the directions of rotation of the two separate power heads and in addition aid the fine-tuned control of the hoist drive.

**Speed sensors for hydraulic applications**



Speed sensors for applications in hydraulic drives have to meet special requirements regarding EMC properties, environmental conditions and temperature range.

Our sensors for these applications detect the rotational speeds and directions of rotation of gear wheels, e.g. in hydraulic motors, construction machinery, agricultural applications and combustion engines.

A high-precision signal and phase shift with the lowest possible jitter enables precise measurement and so makes it possible to assess rotational movements with extreme accuracy.

**Speed sensors for electric drives**



In the area of mobile operating machines and electric drives, we developed a variety of speed sensors that offer different cable lengths, connectors and insertion depths. Beside a wide temperature range, our speed sensors are either available with two frequency outputs or one frequency and one digital direction output. Therefore, both rotational speed and direction of rotation can be detected.





### Plan for the long term. That is what we do.

Thanks to PDP\* and CIP\*, our sensors have a high degree of operational safety and long-term maintenance free functionality. Only flawless, perfectly functioning products leave our premises. All types of sensor are supplied with the necessary certificates. And thanks to ERP\*, you receive the products you have ordered punctually on the agreed date.

In addition, we give our customers post-purchase security: in other words, you can at any time, even years later, make repeat orders of any sensor that you have bought from us under the same name and with exactly the same dimensions.

*\*PDP = Product Development Process*

*\*CIP = Continuous Improvement Process*

*\*ERP = Enterprise Resource Planning*

*For technical datasheets  
see our homepage: [www.rheintacho.com](http://www.rheintacho.com)*

### Speed sensors for high pressure applications



For applications that expose the sensor to particularly high pressures, RHEINTACHO developed special speed sensors with a heavy-duty design, either with brass or stainless steel housings. Sensors that have to be used in machines, such as orbital motors, must meet the highest requirements. Our high pressure sensors comply with protection classes IP69K and IP67, operate over a wide frequency range and guarantee high EMC stability.

### Customized and standardized speed sensors



Wherever it is necessary to measure, indicate, control and process the rotational speed of machines and plants, RHEINTACHO sensors have been on the job – since 1901. Our standard and customized ranges meet many requirements. If particular conditions call for something special, we adapt our existing models or develop new customer specific solutions.

RHEINTACHO is a well-known specialist for customized rotational speed measuring solutions. Less well-known are the principles behind our success.

RHEINTACHO is a family-run company and wishes to stay that way. We cultivate a family atmosphere throughout the company, adopting an integrative approach in which each employee is equally involved.

Within this atmosphere of tolerance and trust, our highly qualified employees feel comfortable and adopt responsibility for the company as a whole.

A flat hierarchical system, direct contact, communication on an equal footing – a company structure which allows us to focus fully on our priorities: customer satisfaction, innovation, flexibility, quality, efficiency, growth.

Our aim is to meet our customers' every need by consistently producing the best possible rotational speed measurement product at a competitive price. Since this also means providing an excellent all-round service we place great emphasis on optimizing levels of cooperation, reliability and continuity.

The success of this approach is reflected in the pleasure we find in our work even when the pressure is on. We are a growing company, but we prefer to grow at a natural pace rather than at all costs. In this spirit, our staff numbers, turnover and innovative productivity, as well as the challenges we face, are steadily growing.

The future is bright for RHEINTACHO.

The challenges of our  
industrial customers have been driving  
our development since 1901.



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