



MEASUREMENT AND SENSOR TECHNOLOGY PRODUCT OVERVIEW

The Company ALTHEN GmbH – specialist for the electrical measurement of physical phenomena – has more than 30 years experience in the field of sensor and measurement technology.

Welcome to ALTHEN.

ACCURATE.
FLEXIBLE.
SOPHISTICATED.
SINCE 1978.





PRESSURE bar

Pressure sensors and transducers with ranges from 35 mbar up to 12'000 bar, Differential pressure transducer and transmitter for dry and wet applications, also for high system pressure



FORCE N

Force sensors and load cells with ranges from 0.5 N to 1'500 tons, 2-, 3- and 6 force/torque multi-axis transducer

TORQUE Nm

Torque sensors and measurement systems for reaction-torque and rotating applications with measurement ranges from 0.5 Nm up to 10 kNm



POSITION mm

Inductive and potentiometric position sensors and transducers with measurement ranges from 0.125 mm up to 600 mm

ROTARY ANGLE α

Inductive and potentiometric angle sensors and transducers with measurement ranges from 10 degree up to 360 mm

INDUST. JOYSTICKS



INCLINATION



Inclination sensors and tilt measurement systems with measurement ranges from 1 degree up to 360 degree, analog and digital interfaces

ACCELERATION

g

Servo- and MEMS-based Accelerometer with measurement ranges from 0.5 g up to 5'000 g



VIBRATION

m/s²

Piezoceramic vibration sensor with IEPE-signal and frequency range as low as 0.05 Hz, for vibration measurement and analysis

RATE

%s

Rate sensors and gyros based on the latest MEMS- and magneto-hydrodynamic technology



SIGNAL CONDITIONING



Displays, signal amplifier and measurement systems for strain-gauge sensors, inductive and potentiometric position and rotary angle transducer as well as for IEPE-vibration measurement

DATALOGGER



DAQ-systems for PC-based data acquisition, datalogging and digital xy-recorders with USB and/or ethernet interface

ALTHEN

MESS- UND SENSORTECHNIK

YOUR SPECIALIST FOR SENSOR TECHNOLOGY

ALTHEN GmbH Mess- und Sensortechnik – your specialist for the electrical measurement of mechanical phenomena – has been involved in the field of metrology and sensor technology for more than 30 years. Sensors are complemented by signal conditioners or measurement systems from our own development and production.

Top priority is given to customer-orientated solutions by the company, which offers user consulting, service and its inhouse

calibration for sensors as well as complete measuring systems and system integrations. Close cooperation with the customer is a basic requirement that is maintained by the skilled engineers in the field service of the 4 regional sales offices.

Its many years of experience, technical expertise and its extensive range of products put **ALTHEN** in a position to create solutions for almost all applications, solutions that are both competitively priced and technically outstanding.

CUSTOMERS



Der Spezialist für
Mess- und Prüfgeräte



DAIMLER

SIEMENS
Siemens Restraint Systems



KLA Tencor



gretag
THE IMAGING COMPANY

TRW

TARGET MARKETS

- » Automotive Industry and Suppliers
- » Consulting Engineers and Universities
- » Aerospace Industry
- » Engineering and Plant Construction
- » Steel Industry
- » Mining
- » Electrical Engineering and Power Plants
- » Semiconductor, Optical and Glass Industry
- » Medical, Sport and Biomechanical Engineering

- » Paper and Pulp Industry
- » Test and Calibration Laboratories
- » Naval Architecture and Offshore Industry
- » Drive Systems, Control and Automation Engineering
- » Construction, Wood and Primary Industry
- » Chemical and Pharmaceutical Industry
- » Communication Industry
- » Plastic and Mold Industry

YOU WILL FIND OUR PRODUCTS ON FOLLOWING EXHIBITIONS



HANNOVER
MESSE INDUSTRY



SENSOR+TEST
DIE MESSTECHNIK-MESSE
The Measurement Fair



SPS/IPC/DRIVES/
**Electric
Automation**
Systems and Components
Exhibition & Conference

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