



# YOUR SPECIALIST FOR SENSORS, INSTRUMENTATION & MEASUREMENT SYSTEMS



Your expert partner in sensors & controls

[althensensors.com](http://althensensors.com)

**ALTHEN**  
SENSORS & CONTROLS

# INFORMATION ABOUT ALTHEN SENSORS & CONTROLS

Althen Sensors & Controls stands for pioneering measurement and sensor solutions. Since we are constantly looking to innovate we accept every measurement challenge, our engineers are only satisfied when the perfect solution for your measurement task is found. We develop customer-specific solutions in our in-house production facilities. Althen is partner of many recognized universities and leading organizations. We find ourselves in an intensive knowledge transfer, developing future technologies. Althen is one of the first companies in its branch with a certification by the German technical inspection association in Hessen (TÜV PROFICERT) in accordance with DIN EN ISO 9001:2015.

## “MEASURE WHAT CAN BE MEASURED, AND MAKE MEASURABLE WHAT CAN'T BE MEASURED” – ALTHEN



Our sensor solutions are divided into three main application areas: OEM, Test & Measurement and IIoT solutions.

Our in-house design and manufacturing capabilities allow us to develop customized sensor solutions and turn every measurement challenge into a sensor solution. In addition to our sensor solutions we offer complementary services such as: calibration, design & engineering, training and renting of measurement equipment. Your benefits of working with Althen: high quality sensor solutions, flexibility in developing a customized solution and fast prototyping.

### Connecting the dots

Our main market is Western Europe and USA, with offices in Germany, the Netherlands, France, Sweden and the USA. With over 40 years of experience in sensor technology, Althen is your expert partner for sensor and measurement solutions.

For more information please visit our website [www.althensensors.com](http://www.althensensors.com)

# OUR PRODUCT SCOPE

<p><b>bar</b></p>	<p><b>PRESSURE</b> Measurement ranges from 35 mbar to 12,000 bar. Absolute, relative &amp; differential pressure sensors.</p>	<p><b>mm</b></p>	<p><b>DISPLACEMENT</b> Measurement ranges from 0.125 mm to 600 mm. Potentiometers, LVDT's, Eddy current, capacitive technology.</p>
<p><b>kg</b></p>	<p><b>WEIGHING</b> Measurement ranges from 0.25 kg to 250 tonnes. Weighing assemblies for automation.</p>	<p><b>mm</b></p>	<p><b>LASER DISPLACEMENT</b> Measurement ranges from 0.125 mm to 600 mm. Triangulation sensors &amp; laser scanners.</p>
<p><b>N</b></p>	<p><b>FORCE</b> Measurement ranges from 0.5 N to 1,500 kN.</p>	<p><b>α</b></p>	<p><b>ROTATION</b> Measurement ranges from 1° to 360°.</p>
<p><b>Nm</b></p>	<p><b>TORQUE</b> Measurement ranges from 10 mNm to 13 kNm. Dynamic &amp; static torque sensors.</p>		<p><b>INDUSTRIAL JOYSTICKS</b> Industrial joysticks and foot pedals.</p>
<p><b>ε</b></p>	<p><b>STRAIN</b> Measurement ranges from ±500 µε to ± 5,000 µε, pressure-resistant version up to 300 bar.</p>	<p><b>°C</b></p>	<p><b>TEMPERATURE</b> Measurement ranges from -40°C to + 250°C. Normal &amp; fiber optic temperature sensors.</p>
	<p><b>INCLINATION</b> Measurement ranges from 1° to 360°, analog &amp; digital interface.</p>		<p><b>AMPLIFIER</b> Displays, signal amplifiers and digital amplifiers according to OIML, R60 and ATEX.</p>
<p><b>g</b></p>	<p><b>ACCELERATION</b> Measurement ranges from 0.5 g to 5,000 g.</p>		<p><b>DATA LOGGERS</b> DAQ systems for PC-based data acquisition &amp; stand-alone dataloggers.</p>
<p><b>m/s<sup>2</sup></b></p>	<p><b>VIBRATION</b> Measurements from 0.5 g to 20,000 g. Frequency range: 0.3 to 25 kHz.</p>	<p><b>A</b></p>	<p><b>MEASUREMENT SYSTEMS</b> Turn key measurement systems combining sensors, instrumentation &amp; dataloggers.</p>
<p><b>°/s</b></p>	<p><b>ANGULAR RATE</b> Measurement ranges from 50°/s to 10,000°/s.</p>		



## ALTHEN SENSORS & CONTROLS

### ■ Netherlands | Belgium | Luxembourg

ALTHEN Sensors & Controls B.V.  
 Vlietweg 17a  
 2266 KA Leidschendam  
 Netherlands  
 Phone: +31 70 3 92 44 21  
 Email: sales@althen.nl

### ■ Germany | Switzerland | Austria

ALTHEN GmbH Mess- und Sensortechnik  
 Dieselstraße 2  
 65779 Kelkheim  
 Germany  
 Phone: +49 6195 7 00 60  
 Email: info@althen.de

### ■ France

ALTHEN / DB Innovation  
 26, avenue de la Méditerranée  
 34110 Frontignan  
 France  
 Phone: +33 4 67 78 61 66  
 Email: info@althensensors.fr

### ■ USA | Canada

ALTHEN Sensors & Controls Inc  
 421 North Ditmar, Suite B  
 Oceanside CA 92054  
 USA  
 Phone: +1 858 6 33 35 72  
 Email: info@althensensors.com

### ■ Sweden | Norway | Denmark | Finland

ALTHEN Sensors & Controls AB  
 Gjuterivägen 10  
 761 40 Norrtälje  
 Sweden  
 Tel: +46 8 7 95 24 90  
 E-Mail: info@althensensors.se



Further information can be found at [www.althensensors.com](http://www.althensensors.com)