



ATEX CERTIFIED PRODUCTS FOR HEAVY DUTY APPLICATIONS



Your expert partner in sensors & controls

althensensors.com

ALTHEN
SENSORS & CONTROLS

ATEX CERTIFIED LOAD CELLS & LOAD PINS

N LOAD PINS

- Standard and custom made
- Load range: 0.3-1000 tons



N LOAD SCHAKLES

- Load range: 1-400 tons



N PANCAKE LOAD CELLS

- Load range: 3kN-1 MN



N THROUGH HOLE LOAD CELLS

- Load range: 3-200 kN



N WEIGHING ASSEMBLY

- Load range: 1-300 tons



N S-BEAM LOAD CELLS

- Tension & compression
- Load range: 5-50 kN



- Load range: 200-500 kN



N STATIC TENSIOMETERS

- Load range: 1-45 tons
- Diameter: 40-60 mm



- Load range: 0.25-24 tons
- Diameter: 6-45 mm



N RUNNING LINE LOAD CELLS

- Cable tension
- Load range: 1-40 tons
- Diameter: 6-50 mm



Custom made products & system engineering

Althen Sensors & Controls is well known for its unique sensor solutions in many different applications. Different sensors are required in heavy duty environments such as the offshore, mining, oil-and-gas, harbour-terminal, chemical, and maritime industry. Therefore Althen Sensors & Controls has a broad range of ATEX certified products especially for these heavy duty industries. Products or systems that are used within an explosive atmosphere will need ATEX certification to prevent explosions and unsafe situations. Besides the ATEX products Althen Sensors & Controls also is able to supply products with SIL-3 certification, or IP68 qualification which means the product is submersible.

Besides a very broad range of standard sensors Althen Sensors & Controls offers customized sensors and complete measurement systems that meet specific requirements as well. Our highly experienced engineers are capable to overcome specific application problems with a working solution by providing a complete customized system or customized products.

ATEX CERTIFIED CONTROLS



INDUSTRIAL JOYSTICKS

- 1, 2, 3 axis joysticks



INDUSTRIAL FOOTPEDALS



ATEX CERTIFIED SENSORS



PRESSURE

- Pressure range: 0-6000 bar



DISPLACEMENT

- Draw-wire sensors
- Displacement range: 0-1400 cm



ACCELERATION

- Frequency range: 0.8Hz-12kHz



DISPLACEMENT

- Displacement range: 20-600 m



ROTARY ANGLE

- Angle range: 0-360°



INCLINATION

- Inclination range: $\pm 45^\circ$ or 0-90°



SIGNAL CONDITIONING



INSTRUMENTATION

- Not ATEX
- Dataloggers
- System integration



- Wireless telemetry
- Up to 200m range





ALTHEN SENSORS & CONTROLS

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Further information can be found at www.althensensors.com