

Sensing & Utility Systems Solutions



The
High Accuracy
Standard

- Proximity Sensing Components & Systems
- High-Accuracy Pressure Sensors

Crane Aerospace & Electronics offers a full line of ELDEC products for sensing the position (proximity) of mechanical and flight control systems. All incorporate flight proven, highly reliable technology and are in use on many commercial and military aircraft. Please review the technology solutions described on the back of this flyer, then let us help you configure the ideal sensing solution for your application. Give us a call, email us or check out our web site at www.craneae.com.

Count on the Crane Aerospace & Electronics team

Crane Aerospace & Electronics companies are known for their technical strength, proven product reliability, innovative solutions and overall value. Each company is ISO9001 or AS9100 certified and committed to Operational Excellence and world-class processes. From application engineering, through design and manufacturing, Crane Aerospace & Electronics offers a comprehensive approach to product specification, design certification and service. New electronic manufacturing capabilities enable us to offer build-to-print solutions for micro-

electronics, cards, sub-systems, and systems. So, whether you're looking for a standard or custom-designed sensing solution, Crane Aerospace & Electronics has the proven experience to deliver what you need.

You can also count on Crane Aerospace & Electronics companies for in-service support. The worldwide extensive product support program is backed by a high caliber staff accustomed to the needs of the airline industry.

It's all part of the added value you can expect when you bring together an experienced team.



Product Lines

Proximity Sensing Components and Systems: ELDEC inductive proximity sensing technology is used to reliably monitor the position of aircraft mechanical systems such as landing gear, doors, flight controls and thrust reversers.

ELDEC offers a full line of both active and passive proximity sensors which are proven to provide superior reliability in difficult aerospace applications. All of our new sensor designs feature all-metal construction and are hermetically sealed, which results in a durable, robust package that helps ensure high reliability.

For passive sensors, ELDEC offers a variety of flexible electronic interfaces which are scalable to support both small and large system configurations. In addition, ELDEC can provide a complete sensing system solution including application logic, communication and built-in test, based on your unique requirements.



High-Accuracy Pressure Sensors: ELDEC pressure sensors incorporate Silicon-On-Sapphire technology for the very highest in performance, reliability and accuracy. An integral temperature sensor located directly on the pressure diaphragm provides for optimum temperature compensation. Smaller in size than traditional mechanical resonance-type sensors, ELDEC sensors also require less power while providing better thermal transient response. Superior repeatability and stability give you exceptionally high accuracy within 0.01% of full scale using digital compensation.



Crane Aerospace & Electronics www.cranae.com

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