

Program Experience

Aerospatiale-Dessault AS-332, Falcon 50

AI(R) ATR42, ATR72, RJ

Airbus A300, A310, A318, A319, A320, A321, A330 series, A340 series, A380

Bell Helicopter 222,407, 412

Bell-Boeing V-22

Boeing 727, 737, 747, 757, 767, 777

Boeing AH-64, MD500

Boeing AV-88, -15, F/A-18, T-45TS

Boeing C-17, KC-10, DC-8,DC-9, DC-10,
MD-11, MD-80, MD-90 MD-95

Boeing Helicopter MH-47E

Bombardier Canadair CL600, CL604, Regional Jet

Bombardier CRJ 100, 200, 700, 900

Bombardier de Havilland Dash 7, Dash 8

Bombardier Global Express

Bombardier Shorts SD330, SD360

Cessna Citation III, IV

Embraer 135,145,170, 190

Eurofighter Typhon EFA

Fokker F70, F100

IPTN N250

Lockheed-Martin C-5, L1011, S-3A, F-117, F-22

Northrup -Grumman B-2, F-14

Raytheon Aircraft King Air

Rockwell B-1B, Space Shuttle

Saab-Scania JAS-39

Sikorsky CH-53D, S-76

U.S. Navy AOE, LST Class

U.S. Navy CGN Cruisers

U.S. Navy CVN Aircraft Carriers

Proximity Switches & Components

- State of the art technology and solutions for higher reliability
- Preferred sensing technology on the majority of aircraft applications
- Economical to operate



Crane Aerospace & Electronics

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All-Metal Technology Proximity Sensors, Switches and Targets



Superior Components Mean Reliable Systems. Position indication and control systems are only as reliable as the components within those systems. That's why at Crane Aerospace & Electronics we design and manufacture a complete line of durable indication and control components — from passive sensors to self-contained proximity switches for landing gear (including weight on wheels), doors, slats, or virtually any moving device or surface. Since inventing inductive aerospace proximity switch technology in 1965, ELDEC has been recognized as the industry's leading developer of proximity sensing components. And we're committed to continuing that leadership into the 21st century.

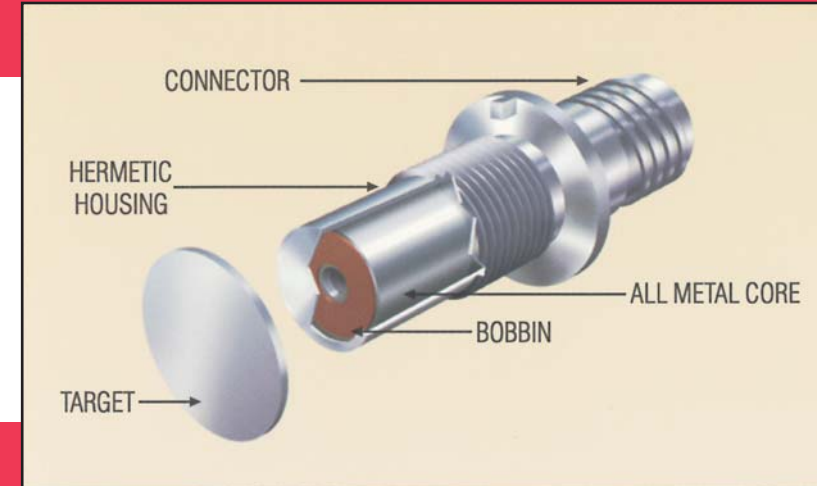
Advantages

Extremely Rugged, All-Metal Technology

ELDEC builds the aerospace industry's only all-metal proximity switches and sensors that have been proven over time to survive under virtually any condition.

- **HIRF-Proof** — Unlike mechanical limit or traditional proximity switches, ELDEC's lines of all-metal proximity sensors and switches are impervious to HIRF conditions, exceeding FAA/JAA HIRF requirements.
- **Superior Durability** — ELDEC components are fully functional from -65°C up to +200°C, and are certified to handle 50g vibration and 2,000g multiple shock. ELDEC's metal casings withstand punishment from rocks, ice, dirt and other debris. In fact, ELDEC sensing components are designed to perform on-board for the life of the aircraft.

- **Zero Leakage** — ELDEC engineers have solved moisture leakage problems. Our exclusive line of cable-entry components provides environmental sealing against hydraulic, de-icing and aircraft fluids, as well as rain, ice snow, high humidity, and other weather conditions. ELDEC users have reported zero failures in more than 10,000 operational sensors.
- **Extended Range** — ELDEC's new, patented Saturable Core (SCORE™) technology now provides sensor-to-target range of up to 1" (2.54 cm) — four times the range of other sensors — allowing position indication to remain accurate even during extreme vibration. You'll also have design flexibility and easier, virtually rig-free installations.
- **High Reliability** — ELDEC's high reliability results in economical operations.



True Hermeticity: ELDEC's advanced line of all-metal hermetic connector sensors and switches was selected for the Boeing 777 and provides 1,000,000 hours or better MTBF.

- **Target Characterization** — Our experienced design team will help you develop customized targets when standard targets are inappropriate. Crane Aerospace & Electronic's target characterization experience and Finite Element Analysis software ensures you the greatest protection against false position indications.

Complete Design Integration

At Crane Aerospace & Electronics, we're committed to providing complete installation design and integration assistance. Our application engineers will work with you on-site to ensure that our sensors and switches operate robustly within your systems, whether new applications or retrofit. We'll also communicate electronically with your design programs through industry-standard CAD packages.

Proven Library of Components

For operations that don't require customization, our time-tested, comprehensive library of off-the-shelf sensors and switches ensures high affordability, low risk and low lead time. All Crane Aerospace & Electronics proximity sensors and switches are designed and manufactured within our ISO9001-based quality system.

Crane Aerospace & Electronics switches and sensor systems are standard on the world's latest high-performance aircraft:

- A320 family
 - A330/A340 family
 - A380
 - CRJ 100/200/700/900
 - 777
 - Global Express
 - F-22
 - Embraer 135/145/170/190
- See back for more applications.

Typical applications include

- Doors (landing gear, cargo)
- Flight control surfaces
- Thrust reversers
- Landing gear (weight on wheel, uplock)

To learn more about Crane Aerospace & Electronics proximity switches and sensors, call us at **1-425-743-1313**, or email us at info@craneaerospace.com.

