



# Aerospace Applications

Landing Gear | Cabin Lighting | Braking  
Safety Systems | Cabin Pressure | Fuel Systems

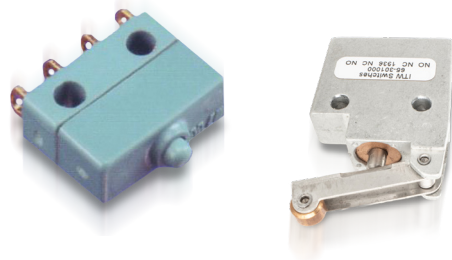
**TW**Switches<sup>TM</sup>

## WE HAVE THE MIL-SPEC APPROVED SWITCH PRODUCT FOR YOUR DESIGN.

For decades, ITW Switches™ has supported military and aerospace programmes with robust, high-performance switching solutions. Our portfolio of high-load snap-action and pushbutton switches, including the proven ITW Butterfly double-break design, is engineered to provide reliable operation and extended service life in critical applications. With dozens of military-qualified designs available, we offer approved products ready for integration into new development projects.

### ON BOARD FUEL SYSTEMS

- Custom / project specific solutions:  
Cable assemblies & PCB  
Terminal forming
- Proven in the field over 60+  
years, over 1.5 million cycles
- Primary Products -  
18 Series & 65 Series



### CABIN AIR COOLING AND PRESSURE

- Cabin Air Pressure Safety Release
- Mil Spec switches in  
custom assemblies
- Primary Products -  
16/26 Series & 67 Series



### CABIN LIGHTING

- First Class personal bay lighting
- Long life – Robust - High end finish
- Custom Illumination and Cabelling
- Primary Products - 57/57M Series



### SADDLE CLAMP FOR GROUNDING

- Saddle clamps are used alongside  
bonding jumpers to secure internal  
metal tubes (like fuel or hydraulic lines)  
to the wing structure
- Provides a path to ground to  
dissipate electrical charge and  
prevent sparking
- Primary Products - Saddle Clamp



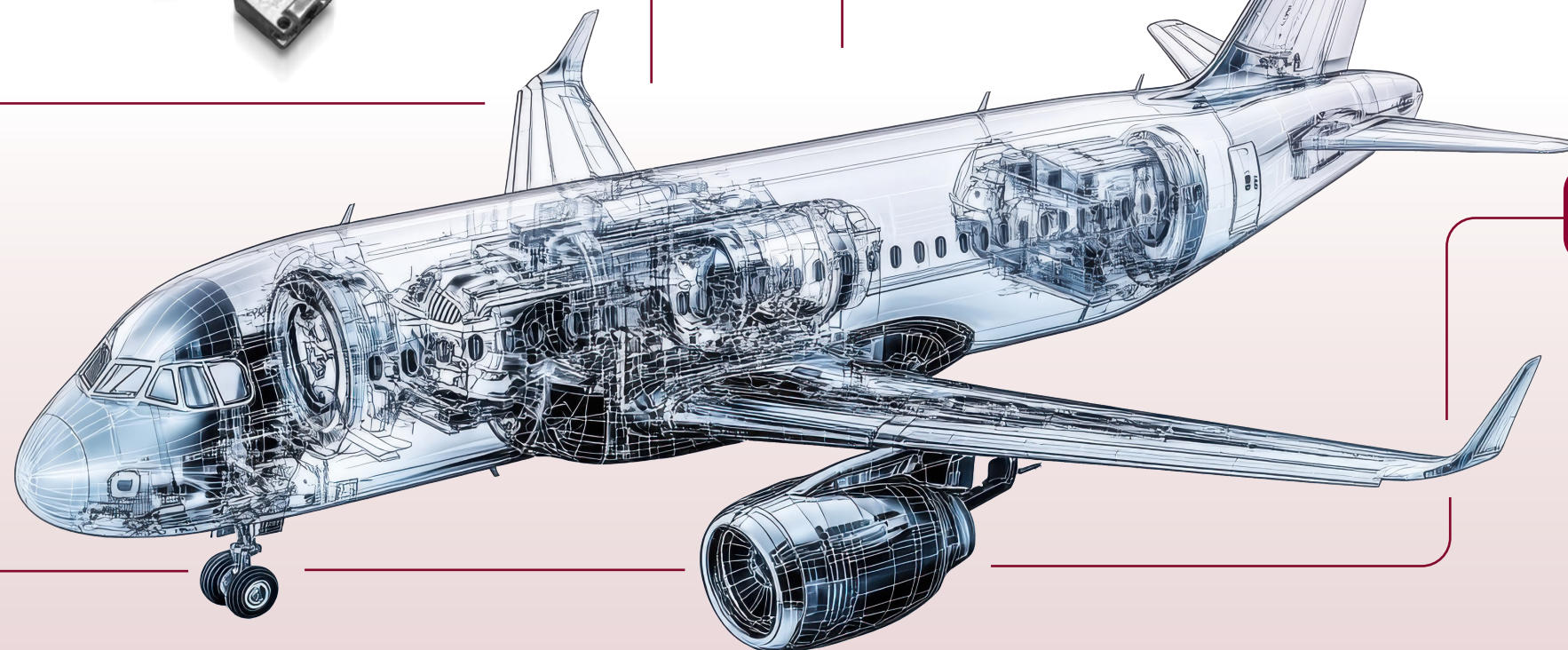
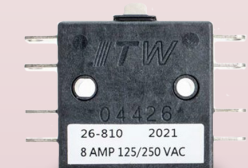
### LANDING GEAR POSITION DETECTION

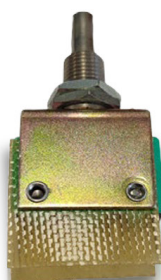
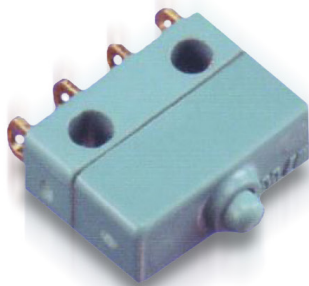
- Landing Gear Position  
Sensing Switch
- Mil Spec switch capability
- "Pre-Hardening" of Switch  
for high impact endurance
- Primary Products - 65 Series



### BRAKE PEDAL TRANSMISSION

- Angular position sensor
- Designed to operate in areas  
subject to severe vibration
- Mil Spec part in custom  
assemblies with added circuitry
- Primary Products - 16/26 Series





# **ITW Switches™**

ITW Industrial Components

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