

Sensors Applications Guide



Air Speed detection

Auxiliary Power Unit (APU)

Cargo and baggage compartments

Electronic bays

Engine compartments

Flight control feedback

Flap position

Fire and overheat detection

Lavatories on transport aircraft

Swash plate position

Switch position feedback

Wheel wells



Technical Sales & Support



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Aerospace Sensors



Variohm Group Sensors successfully used in Aerospace

Rotary Sensors

- Non-contacting
- Temperature -40...+150 °C
- Several housing and shaft options
- Programmable analogue and digital outputs
- Micro-versions available

Applications e.g.

- Flight controls
- Knob position



Limit/Push Switches

- Stainless steel design
- True waterproof design
- Heavy duty versions available

Applications e.g.

- Push-to-talk
- ECS Bleed air



Temperature Sensors

- Temperature range -55...+250 °C
- Custom designs
- NTC and PT-Elements
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Applications e.g.

- Hydraulic
- Cabine temperature
- Cargo space temperature



Inductive linear Sensors

- Non-contacting
- In-cylinder designs available
- Temperature up to -40...+125 °C

Applications e.g.

- Flap position
- Flight controls



Plunger Switches

- High performance switches
- Wide variety of contact options
- Stainless-steel design
- Ultra high-temperature capability
- Normally open and normally closed versions available

Applications e.g.

- Cab down sensor
- Door control



Pressure Sensors

- Up to 5.000 bar
- Stainless steel
- Sealing IP66, optional IP69K

Applications e.g.

- Fuel tanks
- Hydraulic

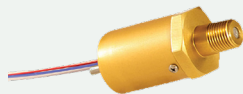


VEP Aerospace Switches

- Temperature range -54...204 °C
- Aluminium body
- Altitude range -1.000...50.000 ft

Applications e.g.

- Cabin pressure
- Fuel pressure
- Steering wheel system



Thermal Switches

- Set point range -18...954 °C
- Stainless steel body

Applications e.g.

- ECS
- Fuel system
- Alternator



Combined Pressure and Temperature Transducers

- Up to 1.000 bar
- Temperature range -50...+200 °C
- PT100/1000 -element

Applications e.g.

- Jet engine
- Landing gear

