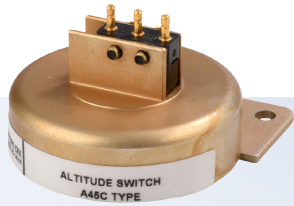




Pressure, Flow, Level & Temperature Sensors **Mil. /Aerospace**



**PRECISION
SENSORS**



- 100% passive
- 5.0 E⁻⁶ reliability
- Up to 40 million life cycle
- Build to spec devices
- AS9100 Rev D

Get your design right the first time



Pressure transducer

Hydraulic systems, flying surfaces and landing gears (XP)
 Thrust reverse and braking systems (XP)
 Engine pressure (XP)
 Missile high pressure gas vessels (XP)
 Artillery loading system (XP)
 Fuel and Oil Systems (XP)

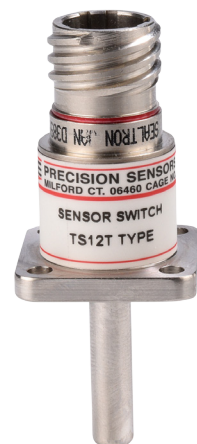
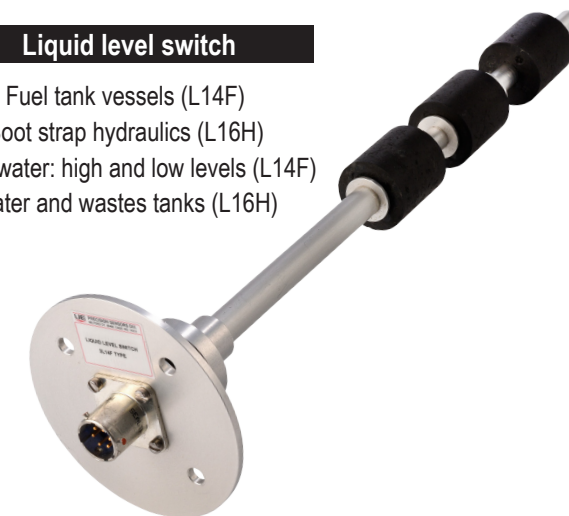


Solid state pressure switch

Flying surfaces, thrust reverse (P6X)
 Landing gears and brakes (P6X)
 Rotor braking (P6X)
 OBIGGS & OBOGS (P6X)
 Applications that require a specific/precise deadband

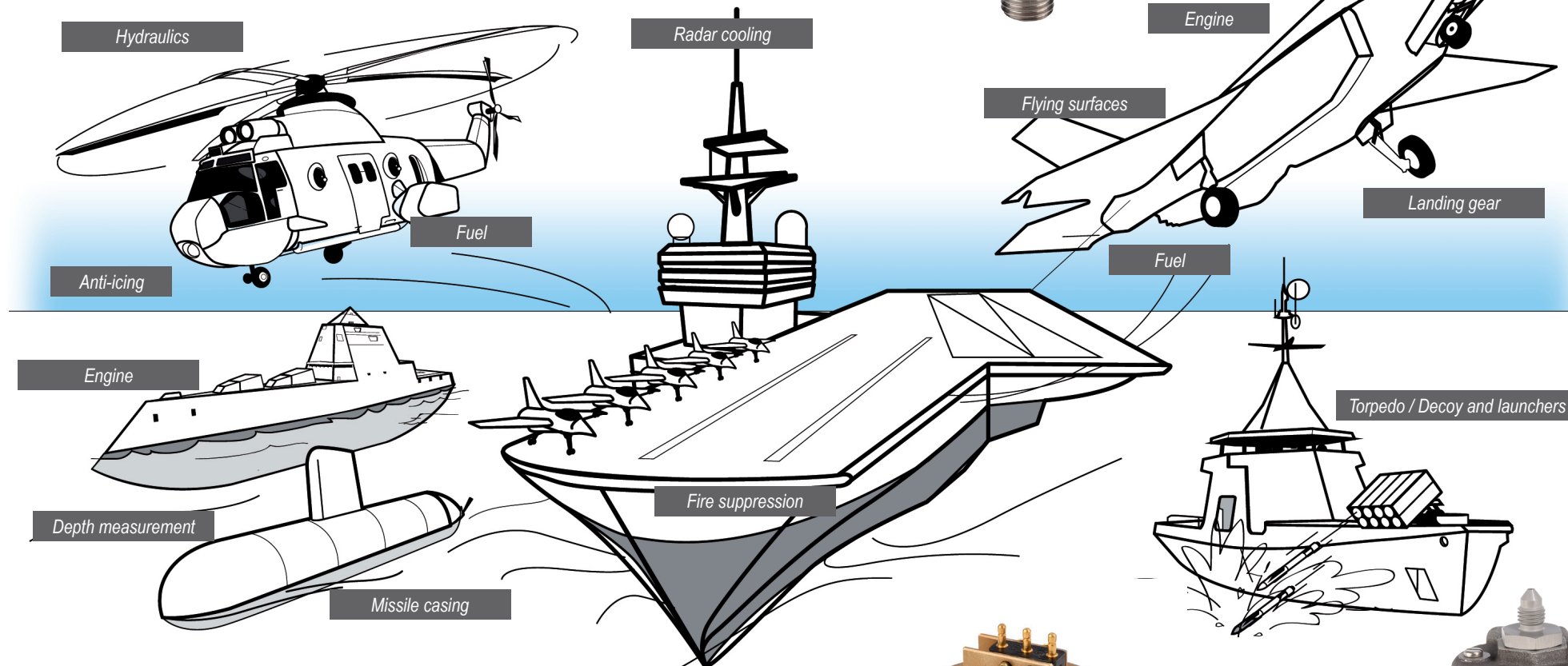
Liquid level switch

Fuel tank vessels (L14F)
 Boot strap hydraulics (L16H)
 Fresh water: high and low levels (L14F)
 Water and wastes tanks (L16H)



Temperature switch

Hydraulic systems control T8B
 Fuel and Oil control T8B
 Cockpit air conditioning monitoring T8B
 Satellite cooling systems T8B
 OBIGGS (TS12T)

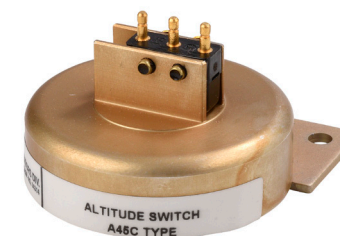


Absolute pressure switch

Tank engine low oil pressure (E17W)
 Cabin pressure control (E28C)
 Parachute recovery (E28C)
 Fire suppression systems (E8B)
 Safety O2 mask trigger (E45C)

Gauge pressure switch

Thrust reverse actuation (P6P)
 Nose wheel parking brake (P6P)
 Anti-ice system (P18M)
 APU low oil pressure (P18M)
 Cargo door actuator (P8M)
 Self propelled decoy (P20M)
 Torpedos and launchers (P12M)
 Pneumatic systems (PV-20M)
 OBIGGS & OBOGS (PV30S)



Altitude switch

Altitude level warning (E45C)
 Balloons altitude monitoring (E45C)
 Electrical Junction Box for Naval (A37C)
 Parachute recovery (E45M)
 Depth measurement (P90S)
 Missile vent lines: pre-vac. control to pay load (P56M)



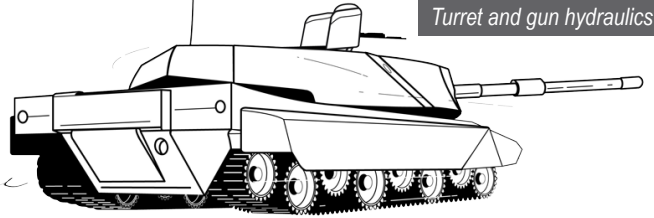
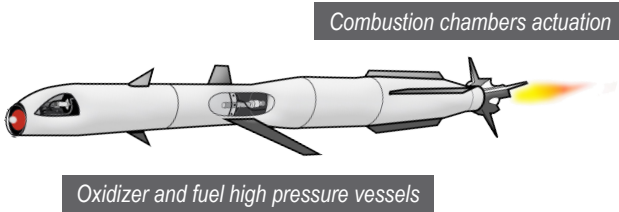
Differential pressure switch

Air or He balloon control pressure (DA79S)
 Fuel & Oil Filtering systems - flow indicator (D30B)
 Air speed (DA128S)
 Cabin pressure (D45C)

Flow switch

Fuel flow monitoring (V12F)
 Anti-freeze system (V9F)
 PECS safety (V12F)
 Fuel tank balancing (V12F)
 HVAC and electronic cooling systems (V22F)
 Ground support equipment (V121F)
 Launch path cooling control (V10F)





Pressure Switch

- Rocket & Missile combustion chamber actuation (P4M)
- Fuel and engine oil (P11B)
- Turret and gun hydraulics (PV20M)
- Ignition box protection (P18M)
- Missile casing (P8B)

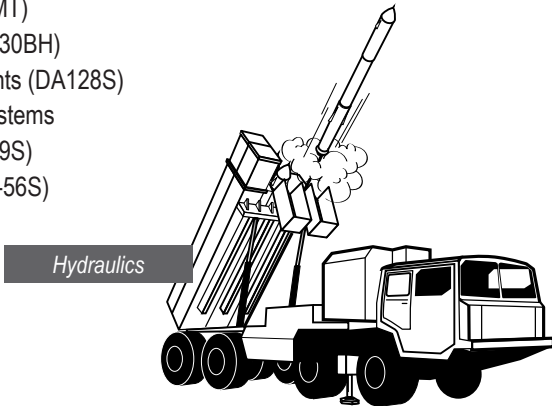


Differential pressure switch

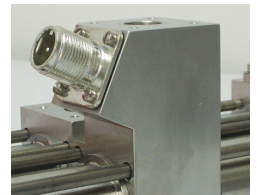
- Engine fuel pressure (D19M)
- Tank NBC filter (D48D)
- Engine air, fuel and oil filtration (D42S)
- Engine air filtration (D52S)
- Engine oil filter (DT16MT)
- Fuel pump filter control (D30BH)
- Crew pressurization compartments (DA128S)
- APU and Life Support Systems
- De-icing devices (DA-79S)
- OBIGGS & OBOGS (DA-56S)

RTD temperature probe

- Engine cooling (T8B)
- Hydraulic systems (T8B)
- Ground support (T8B)
- Oil and Fuel systems (T8B)
- Air flow (T8B)



Custom manifolds and multifunction products



- Anti-block brake valve
- Oil temperature and pressure monitoring
- Fuel pressure and temperature
- Gas flow and temperature
- Flow switch and check valve

When you need to be on time and on budget:

- Shorter program development with proven designs
- Extended history meeting extremely demanding installations
- RTCA DO-160 Qualified
- Cost-effective solutions
- AS9100:Rev.D

Specifications subject to change, for information only. Do not use for design purposes.