



CustomControlSensors

Dual Snap®
Pressure, Temperature and Liquid Flow

www.ccsdualsnap.com

150T Series Temperature Switch

Reliable Temperature Switch Design

CCS Dual-Snap temperature switches for monitoring or control of pneumatic, fuel, engine oil and hydraulic fluid temperature conditions.

Features & Benefits

Lightweight (2-3 oz), miniaturized designs.
High vibration and shock resistance.

Applications

Bleed-Air Temperature Lube Oil Temperature
Fuel Temperature Hydraulic Temperature

Standard or Custom Designs

CCS offers standard qualified designs for value and short lead time considerations or can customize a design to your requirements.

Mechanical options include: MS or metric threaded fittings and various temperature switch ranges.

Electrical options include: SPDT or DPDT temperature switch indication.

All CCS pressure switches designed or can be modified to meet various requirements of MIL-DTL-9395, MIL-STD-810, MIL-STD-202 or RTCA/DO-160.

Custom Control Sensors (CCS) Experience

CCS has been a global leader in the design, testing and manufacturing of pressure, temperature and liquid flow products for the Aerospace, Defense and Industrial markets since 1958. CCS' experienced engineering and manufacturing staff can provide innovative solutions for the most demanding aircraft requirements.



Features & Options

- * Stainless Steel Construction
- * Operating Temperature Range:
25°F to 650°F (-4°C to 343°C)
- * Proof Temperature:
100°F (38°C) above set point
- * Ambient Temperature Range:
-65°F to 450°F (-54°C to 232°C)
- * Electrical Options:
SPDT or DPDT
2mA to 7A at 5-32 vdc
Hermetically Sealed
- * Vibration: 40 g's at 3,000 Hz
- * Service Life: 100,000 cycles minimum

Time-Tested. Innovative, Next Generation Solutions.

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150T Series Temperature Switch

Design Specifications

Ambient Temperature Range:
-65° to 450° F (-54° to 232°C)

Electrical Ratings:
2mA to 7A at 5 to 32 Volts D.C.

Vibration:
40 g's at 3,000 Hz

Weight:
2-3 oz (.057-.085 kg)

Temperature Ranges

Operating:
250° to 650° F (-4° to 343°C)

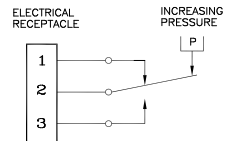
Proof Temperature:
100° F (38° C) above set point

Dead Bands*:
12-15% min. of the Critical Set Point

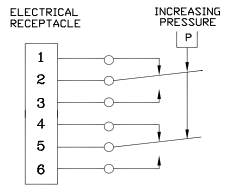
*Difference between Increasing & Decreasing Set Points

Electrical Options

Single Pole Double Throw (SPDT)



Double Pole Double Throw (DPDT)



Hermetically Sealed

