



CustomControlSensors

Dual Snap®
Pressure, Temperature and Liquid Flow

www.ccsdualsnap.com

Custom Control Sensors, LLC (CCS) is a global leader in the design, testing, manufacturing and supply of pressure, temperature and liquid flow switches for the Industrial, Energy, Aerospace and Defense markets. Founded in 1958, CCS revolutionized the industrial pressure switch market by utilizing its patented Dual-Snap® disc spring technology.

Originally developed for critical aerospace applications, the Dual-Snap disc spring eliminates contact chatter and erroneous electrical signals associated with trace type pressure switch devices due to vibration, shock and high temperature conditions. As a result, CCS industrial pressure and temperature switch products have been the industry standard and are used in essential equipment alarm, monitoring and control functions all over the globe.



CCS' Quality Policy is to pursue perfection through continual improvement of its products and services. This requires a personal commitment from every employee to understand and consistently meet or exceed customer requirements. To achieve this objective, Custom Control Sensors recognizes that it is essential to train, develop and promote the concept of continual improvement to the greatest extent possible so that every product or service is delivered defect-free and on time.



Locomotive / Rail Car

Air Brake System
Compressor Control



Manufacturing and Machining

Clamping Pressure
Oil Pressure
Filter Applications



Transportation

Hydraulic Systems
Lubrication Systems



Power Generation

Steam and Coal Generators
Filtration and Lubrication Systems
Safety Control



Pumps and Compressors

CCS Non-Hazardous Area Products

Functions:

- Safety (Alarm / Shutdown)
- Monitor
- Control

Features & Benefits:

- High cycle life
- High overpressure capability
- Wide range of set points
- Vibration resistant
- Set point accuracy (Repeatable set points)

Test of Time Solutions

Company Headquarters

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Gage 6900G / 6900P

- Diaphragm Sensor
- Piston Sensor
- **Adjustable Range:**
 - 1-16,000 PSIG
 - 0.07-1,103 BAR
 - 6.89-110,316 kPa
- **Proof Pressures up to:**
 - 25,000 PSIG
 - 1,724 BAR
 - 172,369 kPa
- **Weight: 15 ounces (425 grams)**
- **Wetted material options for material capability**



**Gage 604G / 604P
Differential 604D
Vacuum 604V**

- Diaphragm Sensor
- Piston Sensor
- **Adjustable Range:**
 - 28.5" Hg - 5000 PSIG
 - 724 mm Hg - 345 BAR
 - 96.5-34,474 kPa
- **Proof Pressures up to:**
 - 10000 PSIG
 - 689 BAR
 - 68,948 kPa
- **Weight: 35 ounces (992 grams)**
- **Wetted material options for material capability**



Differential 674D

- Diaphragm Sensor
- **Adjustable Range:**
 - 2-800 PSID
 - 0.138-55.16 BAR
 - 13.8-5515 kPa
- **Proof Pressures up to:**
 - 4500 PSIG
 - 310 BAR
 - 31,026 kPa
- **Weight: 45 ounces (1275 grams)**



**Gage 605G / 605P
Differential 605D
Vacuum 605V**

- Diaphragm Sensor
- Piston Sensor
- **Adjustable Range:**
 - 28.5" Hg - 5000 PSIG
 - 724 mm Hg - 345 BAR
 - 96.5-34,474 kPa
- **Proof Pressures up to:**
 - 10000 PSIG
 - 689 BAR
 - 68,948 kPa
- **Weight: 39 ounces (1092 grams)**
- **Wetted material options for material capability**



**Gage 675GS / 675GS800
Differential 675DS / 675DS800
Vacuum 675VS / 675VS800**

- Diaphragm Sensor
- **Adjustable Range:**
 - 0.7-31" H2O
 - 1.7-77.2 mBAR
 - 0.17-7.72 kPa
- **Proof Pressures up to:**
 - 15 PSIG
 - 1034 mBAR
 - 103.4 kPa
- **Weight: 22 ounces (624 grams)**



Temperature (Capillary) 6900T / 6900TU

- Diaphragm Sensor
- **Adjustable Range:**
 - 0 deg F to +650 deg F
 - 18 deg C to +340 deg F
- **Maximum Probe Temperature up to +700 deg F (+371 deg C)**
- **Weight: 21 ounces (595 grams)**



**Gage 611G
Vacuum 611V**

- Diaphragm Sensor
- **Adjustable Range:**
 - 0.75-180 PSIG
 - 0.0517-12.4 BAR
 - 5.17-1241 kPa
- **Proof Pressures up to:**
 - 1000 PSIG
 - 68.9 BAR
 - 6895 kPa
- **Weight: 10-20 ounces (283-567 grams)**
- **Wetted material options for material capability**



Temperature (Capillary) 604T / 604TU

- Diaphragm Sensor
- **Adjustable Range:**
 - 39 deg F to +630 deg F
 - 39 deg C to +332 deg C
- **Maximum Probe Temperature up to +650 deg F (+343 deg C)**
- **Weight: 65 ounces (1843 grams)**

