



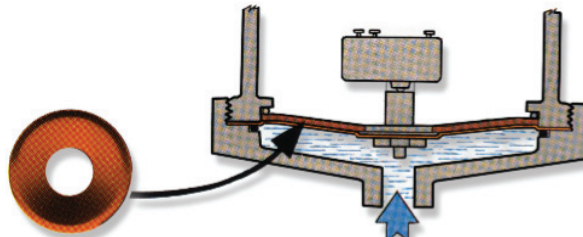
CustomControlSensors

Dual Snap®
Pressure, Temperature and Liquid Flow

www.ccsdualsnap.com

Custom Control Sensors, Inc. (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 due to vibration, shock and high temperature conditions associated with other trace type pressure switch devices. 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.



Exploration

Oil Platform
Pump Jack



Refining

Refinery
Control / Annunciator Panel
Relay Alarm System



Transportation

Pipelines
Pump Control



BOP Controls

Hydraulic Systems



Power Generation

Turbines
Filtration

CCS Hazardous Area Products

Functions:

- Safety (Alarm / Shutdown)
- Monitor
- Control

Features & Benefits:

High over pressure capability.	Set point accuracy. (Repeatable set points.)
Wide range of set points.	Hazardous Areas Certifications – UL / CSA / ATEX / IECEx
Protection against environment.	NACE MR0175:2003
Vibration resistant.	

**Time-Tested Solutions.
Reduced Costs & Time.**

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6900GZE / 6900PE Gage
6900DZE / Differential

- Diaphragm Sensor
- Piston Sensor
- **Adjustable Range:**
 - 0.4-16,000 PSI
 - 0.028-1,103 BAR
 - 2.76-110,316 kPa
- **Proof Pressures up to:**
 - 25,000 PSIG
 - 1,724 BAR
 - 172,369 kPa
- **Weight: 16-25 ounces (467-708 grams)**
- **Wetted material options for material capability**



646GZE / Gage
646DZE / Differential

- Diaphragm Sensor
- **Adjustable Range:**
 - 0.4-5000 PSI
 - 0.028-345 BAR
 - 2.76-34474 kPa
- **Proof Pressures up to:**
 - 7500 PSIG
 - 517 BAR
 - 51,711 kPa
- **Weight: 60 ounces (1700 grams)**
- **Wetted material options for material capability**



672DE
Differential

- Diaphragm Sensor
- **Adjustable Range:**
 - 2-150 PSID
 - 0.138-10.34 BAR
 - 13.8-1034 kPa
- **Proof Pressures up to:**
 - 4500 PSIG
 - 310 BAR
 - 31,026 kPa
- **Weight: 67 ounces (1876 grams)**



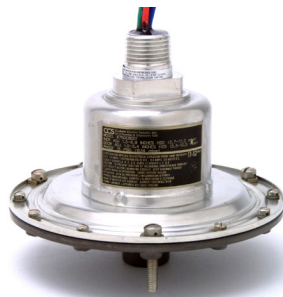
673DE
Differential

- Diaphragm Sensor
- **Adjustable Range:**
 - 2-60 PSID
 - 0.14-4.14 BAR
 - 13.79-414 kPa
- **Proof Pressures up to:**
 - 4500 PSIG
 - 310 BAR
 - 31026 kPa
- **Weight: 67 ounces (1876 grams)**



675GE / Gage
675DE / Differential
675VE / Vacuum

- Diaphragm Sensor
- **Adjustable Range:**
 - 0.2-31" H₂O
 - 0.5-77.2 mbar
 - 0.05-7.72 kPa
- **Proof Pressures up to:**
 - 15 PSIG
 - 1.03 BAR
 - 103 kPa
- **Weight: 25 ounces (708 grams)**



6900TE / 6900TUE (Capillary)
Temperature

- Diaphragm Sensor
- **Adjustable Range:**
 - 0 deg F to +650 deg F
 - 18 deg C to +343 deg F
- **Maximum Probe Temperature up to +700 deg F (+371 deg C)**
- **Weight: 21-29 ounces (595-822 grams)**



611GZE / Gage
611VZE / Vacuum

- Diaphragm Sensor
- **Adjustable Range:**
 - 28.5" Hg Vacuum-180 PSIG
 - 724 mm Hg-12.4 BAR
 - 96.5-1241 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**



646TE / 646TUE (Capillary)
Temperature

- Diaphragm Sensor
- **Adjustable Range:**
 - 39 deg F to +630 deg F
 - 39 deg C to +343 deg C
- **Maximum Probe Temperature up to +650 deg F (+343 deg C)**
- **Weight: 68-71 ounces (1928-2013 grams)**

