

# **CECOMP® Intrinsically Safe Digital Pressure Gauges SAFETY ENGINEERED**

## **Eliminate The Risk Of Unknown Environmental Hazards**

- *Required For Hazardous Locations*
- *Factory Mutual Class I Div 1 Groups ABCD*
- *Ultra-Ruggedized For Field Use*
- *Use To Check Mechanical Gauges*
- *Improve Measurement Accuracy*
- *Long-Term Stability And Reliability*
- *Recalibration Instructions Included*



**ENGINEERED  
FOR SAFETY**



**Cecomp DPG2000B series gauges meet the strictest classification  
for NEC® Hazardous Locations per [nfpa.org](http://nfpa.org)**

**Intrinsically-Safe:** Systems designed in which electrical energy in the circuits is not present at levels that would ignite a flammable mixture of a gas and air.



- |                            |                              |                               |
|----------------------------|------------------------------|-------------------------------|
| ● <i>Refineries</i>        | ● <i>Natural Gas Systems</i> | ● <i>Aircraft Service</i>     |
| ● <i>Gas Manufacturing</i> | ● <i>Fuel Storage Areas</i>  | ● <i>Flammable Dust Areas</i> |

## Cecomp Digital Intrinsically Safe Pressure Gauges



Comparison	DPG2000B<range>	DPG2000B<range>-D4	DPG2000B<range>-D4-M2
Other engineering units available.	85.0 inH2O 3.00 psig	85.0 inH2O 3.000 psig	85.0 inH2O 3.000 psig
Units selection and availability depends on sensor range.	140.0 inH2O 5.00 psig 15.00 psig 30.0 psig	140.0 inH2O 5.000 psig 15.00 psig 30.00 psig	140.0 inH2O 5.000 psig 15.00 psig 30.00 psig
Vacuum and absolute ranges available.	60.0 psig 100.0 psig	60.00 psig 100.0 psig	60.00 psig 100.0 psig
Vacuum/pressure ranges including inHg/PSIG available in D4 series	199.9 psig 300 psig 500 psig 1000 psig 1999 psig	200.0 psig 300.0 psig 500.0 psig 1000 psig 2000 psig 3000 psig 5000 psig	200.0 psig 300.0 psig 500.0 psig 1000 psig 2000 psig 3000 psig 5000 psig
Units	Factory configured	User selectable	User selectable
Display	3-1/2 digits, optional backlight (BL)	4 digits, optional backlight (BL)	4 digits, optional backlight (BL)
Std. Accuracy	±0.25% FS +1 LSD	±0.25% FS +1 LSD	±0.25% FS +1 LSD
Opt. Accuracy	n/a	±0.1% FS +1 LSD (-HA option)	±0.1% FS +1 LSD (-HA option)
Controls	Front button: Power on Top potentiometers	Front button: On/Off, Zero, Memory Internal configuration buttons	3-button keypad: Zero/Clear, On/Off, Memory
Configuration	None, factory set	Passcode protected: units, shutoff time, memory, BL function	Passcode protected: units, shutoff time, memory, BL function
Calibration	Zero and span potentiometers	Passcode protected via internal buttons	Passcode protected via keypad
Auto Shutoff	Factory configured 5, 10, 30 minutes, on/off	Selectable: on/off, 1 to 30 min., 1 to 8 hrs	Selectable: on/off, 1 to 30 min., 1 to 8 hrs
Memory	None	Min/Max	Min/Max

### Common Specifications

#### FM Approval

IS Class I Div 1 Gp ABCD  
T3C Ta = -40°C to 82°C;  
T4 Ta = -40°C to 66°C.  
CL I Zone 0 AEx/Ex ia IIC  
T3 Ta = -40°C to 82°C;  
T4 Ta = -40°C to 66°C

#### Battery Life: 1000 hrs

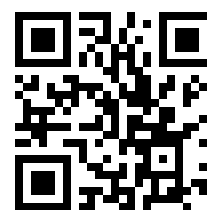
BL backlight option: 150 to 1000 hrs

#### Housing: Coated aluminum

#### Connection: 1/4" NPT male

#### Sensor: 316L stainless steel

#### Operating Ambient -4 to 185°F (-20 to 85°C)



[cecomp.com/is](http://cecomp.com/is)  
for more information

### Field Service Cases, Protective Boot

- 2, 3 or 6 Gauge Versions
- Pelican® Brand Case
- Pete's Plug® & Fitting Storage
- High Visibility Orange
- Custom Heavy Duty Foam Interior
- Optional Heavy Duty Gauge Boot

Model	Service Kit Case	Interior Size
DPG-OK2	1 or 2 gauges	9.2" x 7.1" x 4.1"
DPG-OK3	1 to 3 gauges	11.8" x 8.8" x 5.2"
DPG-OK6	1 to 6 gauges	16.7" x 11.2" x 6.1"
Model	Protective Boot	Size
RB	Orange rubber boot	3.5" x 3" x 2"

Pelican-Reg TM Pelican Products, Inc.  
Pete's Plug-Reg TM Peterson Equipment Co., Inc. Pete's Plugs not included. See petesplug.com



**CECOMP** by **ABSOLUTE PROCESS INSTRUMENTS**

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