CECOMP Pressure and Temperature Measurement Products

American Owned
American Engineered
American Built
American Pride

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BATTERY POWERED TEST GAUGES

- ±0.25% or ±0.1% Accuracy
- Proven Stability and Reliability
- Choose Selectable Units, Memory, Min/Max
- 316L SS Sensor

Ranges
See range table for available engineering units
Vacuum to 5000 psi, gauge, absolute, bipolar, compound
ARM760: 760 Torr absolute

Accuracy
Standard: ±0.25% FS, ±1 LSD
Standard CTP: ±0.1% FS, ±1 LSD (most ranges)
Optional: HA ±0.1% FS, ±1 LSD (most ranges)

Display
ARM760, DPG1000, F4 ranges to 1999
3.5 digit LCD, 0.5” H digits
DPG1000, F4 ranges 2000-up, F16, F20, F22, CTP
4 digit LCD, 0.5” H, 0.25” H alphanumeric lower display
3 readings per second update rate
BL: Red LED display backlight, white LED for CTP

Controls
ARM760, DPG1000, F4 ranges to 1999
Front button turns gauge on/off, zero, span pots.
DPG1000, F4 ranges 2000-up, F16, CTP
Front button for on/off, zero gauge, internal cal buttons
F20, F22, CTP
3 button keypad for operation, setup, calibration

Auto Shutoff
DPG1000, F4 ranges to 1999
Factory set to 5, 10, 30 minutes, or on/off
DPG1000, F4 ranges 2000-up
Factory set to any number of minutes or hours
F16, F20, F22, CTP
User selectable to any number of minutes or hours

Batteries and Battery Life
Two AA alkaline
B: up to 2500 hours
BBL: approx. 150 to 1500 hours

Model | Ranges | NEMA | Backlight | Keypad | Calibration | Units | Memory | Shutoff
--- | --- | --- | --- | --- | --- | --- | --- | ---
ARM760B | Vacuum to 5000 psi, gauge, absolute, bipolar, compound | Red LED | 1 button | Front zero and span pots. | Factory set | none | Factory set to 5 minutes
ARM760BBL | 760 Torr absolute | Red LED | 1 button | Front zero and span pots. | Factory set | none | Factory set to 5 minutes
DPG1000B | Vacuum to 5000 psi, gauge, absolute, bipolar, compound | Red LED | 1 button | Front zero and span pots. | Factory set | none | Factory set to 5 minutes
DPG1000BBL | Vacuum to 5000 psi, gauge, absolute, bipolar, compound | Red LED | 1 button | Front zero and span pots. | Factory set | none | Factory set to 5 minutes
F4B | Vacuum to 5000 psi, gauge, absolute, bipolar, compound | Red LED | 1 button | Startup and zero, pass code protected calibration via internal buttons, zero, span, linearity | Internal button select | Min/max | Keypad select to desired minutes or hours or continuous on
F4BB | Vacuum to 5000 psi, gauge, absolute, bipolar, compound | Red LED | 1 button | Startup and zero, pass code protected calibration via keypad, zero, span, linearity | Keypad select | Min/max | Keypad select to desired minutes or hours or continuous on
F16B | Vacuum to 5000 psi, gauge, absolute, bipolar, compound | Red LED | 1 button | Startup and zero, pass code protected calibration via keypad, zero, span, linearity | Keypad select | Min/max | Keypad select to desired minutes or hours or continuous on
F16BB | Vacuum to 5000 psi, gauge, absolute, bipolar, compound | Red LED | 1 button | Startup and zero, pass code protected calibration via keypad, zero, span, linearity | Keypad select | Min/max | Keypad select to desired minutes or hours or continuous on
F20B | Vacuum to 5000 psi, gauge, absolute, bipolar, compound | Red LED | 3 button | Keypad zero button, pass code protected calibration via keypad, zero, span, linearity | Keypad select | Min/max | Keypad select to desired minutes or hours or continuous on
F20BB | Vacuum to 5000 psi, gauge, absolute, bipolar, compound | Red LED | 3 button | Keypad zero button, pass code protected calibration via keypad, zero, span, linearity | Keypad select | Min/max | Keypad select to desired minutes or hours or continuous on
F22B | Vacuum to 5000 psi, gauge, absolute, bipolar, compound | Red LED | 3 button | Keypad zero button, pass code protected calibration via keypad, zero, span, linearity | Keypad select | Min/max | Keypad select to desired minutes or hours or continuous on
F22BB | Vacuum to 5000 psi, gauge, absolute, bipolar, compound | Red LED | 3 button | Keypad zero button, pass code protected calibration via keypad, zero, span, linearity | Keypad select | Min/max | Keypad select to desired minutes or hours or continuous on
CTP1B | Vacuum to 5000 psi, gauge, absolute, bipolar, compound | White LED | 3 button | Keypad zero button, pass code protected calibration via keypad, zero, span, linearity | Keypad select | Min/max | Keypad select to desired minutes or hours or continuous on
CTP3B | Vacuum to 5000 psi, gauge, absolute, bipolar, compound | White LED | 3 button | Keypad zero button, pass code protected calibration via keypad, zero, span, linearity | Keypad select | Min/max | Keypad select to desired minutes or hours or continuous on
INTRINSICALLY SAFE ULTRA RUGGEDIZED TEST GAUGES

- Class I, Division 1, Groups A, B, C, D
- All Metal Housing
- Digi-Max® with Min/Max, Zero
- ±0.25% Accuracy, 316L SS Sensor

Agency Approval
Factory Mutual Approved
Intrinsically Safe for Class I, Division 1, Groups, A, B, C, D Hazardous Locations

Ranges and Resolution
See range table for ranges and engineering units.
Standard: Range, resolution, and units are factory set
D4: Selectable engineering units

Display
Standard: 3.5 digit LCD, 0.5" H
D4: 4 digit LCD, 0.5" H, 0.25" H alphanumeric lower
BL: Red LED display backlight
3 readings per second update rate

Accuracy
Standard: ±0.25% of full scale ±1 least significant digit
Optional: HA ±0.1% FS ±1 LSD (most ranges)

Batteries
Two AAA alkaline

Model | Ranges | Keypad | Display | Backlight | Bat. Hrs. | Calibration | Units | Memory | Auto Shutoff
--- | --- | --- | --- | --- | --- | --- | --- | --- | ---
DPG2000B | range-time-options | Vacuum to 1999, gauge, absolute, bipolar | 1 button on/off | 3.5 digit LCD, 0.5" H. | none | 1000 | Top zero and span pots. | Factory set | none | -5 5 min. factory set
-10 10 min. factory set
-30 30 min. factory set
DPG2000BL | range-time-options | Vacuum to 1999, gauge, absolute, bipolar | 1 button on/off | 3.5 digit LCD, 0.5" H. | none | 1000 | Internal buttons, lockout switch, zero, span, linearity | Internal button select | Internal button select for minutes, hours, or on/off
DPG2000B | range-D4-time-options | Vacuum to 5000 psi, gauge, absolute, compound, bipolar | 1 button on/off/zero | 4 digit LCD, 0.5" H and 5 character alphanumeric display | none | 1000 | Internal buttons, lockout switch, zero, span, linearity | Internal button select | Internal button select for minutes, hours, or on/off
DPG2000BL | range-D4-time-options | Vacuum to 5000 psi, gauge, absolute, compound, bipolar | 3 button on/off, zero, clear, memory ▼ ▲ | 4 digit LCD, 0.5" H and 5 character alphanumeric display | none | 1000 | Keypad zero button, pass code protected calibration via keypad internal lockout switch, zero, span, linearity | Keypad select | Keypad select for minutes, hours, or on/off

Made in USA
### NEW DIFFERENTIAL PRESSURE GAUGES

- **Ranges from ±0.25 inH2O to 100 inH2O**
- **Mount in Industry-Standard Openings**
- **±0.25% to ±2% Accuracy**
- **Positive, negative, or differential pressure**

Cecomp economical low-range differential pressure gauges are a direct drop-in replacement for similar products. All have high and low rear pressure connections and are compatible with air or non-combustible, non-corrosive gases. See datasheets for complete specifications.

**S2000**
A low-cost, diaphragm-operated, mechanical pressure gauge with an accuracy of ±2% in most ranges and an accuracy of ±3% or ±4% in low ranges. An optional adjustable signal flag is available for min/max indication.

<table>
<thead>
<tr>
<th>Model</th>
<th>Ranges</th>
<th>Units</th>
<th>Output</th>
</tr>
</thead>
<tbody>
<tr>
<td>S2000</td>
<td>±0.25 to 100 inH2O</td>
<td>inH2O, Pa, kPa, mmH2O</td>
<td>none</td>
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<tr>
<td>C1000</td>
<td>±0.25 inH2O</td>
<td>5 user selectable units</td>
<td>Optional 4-20 mA</td>
</tr>
<tr>
<td>C2000</td>
<td>±40 inH2O</td>
<td>11 user selectable units, plus flow and velocity</td>
<td>2 SPDT relays, optional 4-20 mA</td>
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<tr>
<td>C4100</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### LOW VOLTAGE POWERED GAUGES

- **Ideal for Permanent Installations**
- **8-24 VAC or 9-32 VDC Input Power**
- **Digi-Max® with Min/Max, Zero**
- **±0.25% Accuracy, 316L SS Sensor**

**Ranges**
See range table for available engineering units

**Standard:** Range, resolution, and units are factory set

**F16:** Selectable engineering units

**Accuracy**
Standard: ±0.25% of full scale ±1 least significant digit

Optional: HA: ±0.1% FS ±1 LSO (most ranges)

**Display**
DPG1000, F4 ranges to 1999, ARM760
3.5 digit LCD, 0.5” H digits

DPG1000, F4 ranges 2000-up, all F16
4 digit LCD, 0.5” H, 0.25” H alphanumeric lower display
3 readings per second nominal display update rate

**BL:** Red LED display backlight on when gauge is on

**Controls**
DPG1000, F4 ranges to 1999, ARM760
Front on/off button

DPG1000, F4 ranges 2000-up
Front on/off button, zeros display at power-up

**F16**
Front button for zero at power-up, min/max functions selectable engineering units via internal buttons

**Power**
AD: 8-24 VAC or 9-32 VDC, approx. 5 mA
ADBL: 8-24 VAC or 9-32 VDC, approx. 80 mA
ARM760: 115 VAC/12 VDC plug-in power supply included, 5 ft cable
2 wire, 3 ft long, 22 AWG cable
All models are designed for continuous operation

### Low Voltage Ranges

<table>
<thead>
<tr>
<th>Model</th>
<th>Power</th>
<th>Ranges</th>
<th>NEMA</th>
<th>Backlight</th>
<th>Calibration</th>
<th>Units</th>
<th>Memory</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARM760AD</td>
<td>115V/12VDC included</td>
<td>760 Torr absolute</td>
<td></td>
<td>Red LED</td>
<td>Front zero and span pots.</td>
<td>Factory set</td>
<td>none</td>
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<tr>
<td>ARM760ADBL</td>
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</tr>
<tr>
<td>DPG1000AD</td>
<td>range-options</td>
<td>Vacuum to 5000 psi, gauge, absolute, compound, bipolar</td>
<td>4X</td>
<td>Red LED</td>
<td>Front zero and span pots.</td>
<td>Factory set</td>
<td>none</td>
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<td>DPG1000ADBL</td>
<td>range-options</td>
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<tr>
<td>F4AD</td>
<td>range-options</td>
<td>8-24 VAC or 9-32 VDC</td>
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<td>4X</td>
<td>Red LED</td>
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<td>F4ADBL</td>
<td>range-options</td>
<td>8-24 VAC or 9-32 VDC</td>
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<td>Red LED</td>
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<tr>
<td>F16AD</td>
<td>range-options</td>
<td>8-24 VAC or 9-32 VDC</td>
<td></td>
<td>4X</td>
<td>Hold button at startup to zero, pass code protected calibration via internal buttons, zero, span, linearity</td>
<td>Internal button select</td>
<td>Min/max, user configurable</td>
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<td>F16ADN</td>
<td>range-options</td>
<td>8-24 VAC or 9-32 VDC</td>
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<td>Red LED</td>
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<td>4X</td>
<td>Red LED</td>
<td></td>
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</tbody>
</table>

### Differential Pressure Gauges

- Clean Room Pressure, Glove Boxes
- Plant Compressed Air Pressure
- Pneumatic Machinery Monitoring
- ARM Replaces Mercury Manometers
- Monitor Vacuum Pumps
- Pressure Regulator Testing

### Low-Range Gauges

- Ideal for Permanent Installations
- 8-24 VAC or 9-32 VDC Input Power
- Digi-Max® with Min/Max, Zero
- ±0.25% Accuracy, 316L SS Sensor

### Model Specifications

- **S2000**
- **C1000**
- **C2000**
- **C4100**
- **S2000** series
- **C1000** series
- **C2000** series
- **C4100** series
- **Plant Compressed Air Pressure**
- **Pneumatic Machinery Monitoring**
- **ARM Replaces Mercury Manometers**
- **Monitor Vacuum Pumps**

### Model Options

- **Digi-Max®** with Min/Max, Zero
- **±0.25% Accuracy, 316L SS Sensor**
- **Made in USA**

### Model Table

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<td>Vacuum to 5000 psi, gauge, absolute, compound, bipolar</td>
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<td>Red LED</td>
<td>Front zero and span pots.</td>
<td>Factory set</td>
<td>none</td>
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<td>DPG1000ADBL</td>
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<tr>
<td>F4AD</td>
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</table>
PRESSURE AND VACUUM TRANSMITTERS

- Transmitters with Local Display
- 4-20 mA 2 Wire Loop Powered Models
- 4 Wire 4-20 mA or Voltage Output
- Output Test Function

Ranges
See range table for available engineering units
Ranges and engineering units are factory set

Accuracy
Standard: ±0.25% of full scale ±1 least significant digit
Optional: HA ±0.1% FS ±1 LSD (most ranges)

Display
DPG1000L, F4L, DPG1000DR, F4DR
3.5 digit LCD, 0.5" H digits
3 readings per second nominal display update rate
F16L, F16DR
4 digit LCD, 0.5" H, 0.25" H alphanumeric lower display
4 readings per second nominal display update rate
DRBL: Red LED display backlight on when gauge is on

Controls
DPG1000L, F4L, DPG1000DR, F4DR: Output test button
F16L, F16DR: Output test, keypad setup

Power
L models: 8 to 32 VDC, powered by current loop
2 wire, 3 ft long, 22 AWG cable
DR models: 8 to 24 VAC 50/60 Hz or 9 to 32 VDC,
1.0 watt maximum. Use WMPSK power supply kit to operate on 115 VAC
4 wire shielded, 3 ft long, 22 AWG cable
for power and output
All models are designed for continuous operation

Output
DPG1000L, F4L
4-20 mA analog output, 50 milliseconds typical response
F16L
4-20 mA output, updated approx. 16 times per sec.
DPG1000DR, F4DR
-I: 4-20 mA analog output, 50 millisecond typical response
-V: 0-2 VDC analog output, 50 millisecond typical response
F16DR
Updated approximately 16 times per second
-I: 4-20 mA output
-V: 0-2 VDC output
-BV: ±2 VDC output for bipolar ranges only

Ranges and Engineering Units

<table>
<thead>
<tr>
<th>Model</th>
<th>Power</th>
<th>Ranges</th>
<th>NEMA</th>
<th>Backlight</th>
<th>Calibration</th>
<th>Output Test</th>
<th>Output</th>
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</thead>
<tbody>
<tr>
<td>F4L</td>
<td>range-options</td>
<td>- 32 VDC, 2 wire loop-powered</td>
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<td>F16L</td>
<td>range-options</td>
<td>- 32 VDC, 2 wire loop-powered</td>
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<td>4-20 mA</td>
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<tr>
<td>F16LN</td>
<td>range-options</td>
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<td>4-20 mA</td>
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<td>F16LSC</td>
<td>range-options</td>
<td>- 32 VDC, 2 wire loop-powered</td>
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<td>4-20 mA</td>
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<td>- 32 VDC, 2 wire loop-powered</td>
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<td>4-20 mA</td>
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<td>F4DR</td>
<td>range-output-options</td>
<td>- 24 VAC or 9-32 VDC</td>
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<td>Red LED</td>
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<td>Front zero and span pots.</td>
<td>4-20 mA</td>
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<td>- 24 VAC or 9-32 VDC</td>
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<td>Red LED</td>
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<td>Front zero and span pots.</td>
<td>-I -V 0-2 VDC</td>
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<tr>
<td>F16DR</td>
<td>range-output-options</td>
<td>- 24 VAC or 9-32 VDC</td>
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<td>Red LED</td>
<td></td>
<td>Front zero and span pots.</td>
<td>-I -V 0-2 VDC</td>
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<tr>
<td>F16DRN</td>
<td>range-output-options</td>
<td>- 24 VAC or 9-32 VDC</td>
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<td>Red LED</td>
<td></td>
<td>Front zero and span pots.</td>
<td>-I -V ±2 VDC</td>
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<td>F16DRNB</td>
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<td>- 24 VAC or 9-32 VDC</td>
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<td>Red LED</td>
<td></td>
<td>Front zero and span pots.</td>
<td>-I -V ±2 VDC</td>
</tr>
</tbody>
</table>

Translated into English:

- Transmitters with Local Display
- 4-20 mA 2 Wire Loop Powered Models
- 4 Wire 4-20 mA or Voltage Output
- Output Test Function

Ranges
See range table for available engineering units
Ranges and engineering units are factory set

Accuracy
Standard: ±0.25% of full scale ±1 least significant digit
Optional: HA ±0.1% FS ±1 LSD (most ranges)

Display
DPG1000L, F4L, DPG1000DR, F4DR
3.5 digit LCD, 0.5" H digits
3 readings per second nominal display update rate
F16L, F16DR
4 digit LCD, 0.5" H, 0.25" H alphanumeric lower display
4 readings per second nominal display update rate
DRBL: Red LED display backlight on when gauge is on

Controls
DPG1000L, F4L, DPG1000DR, F4DR: Output test button
F16L, F16DR: Output test, keypad setup

Power
L models: 8 to 32 VDC, powered by current loop
2 wire, 3 ft long, 22 AWG cable
DR models: 8 to 24 VAC 50/60 Hz or 9 to 32 VDC,
1.0 watt maximum. Use WMPSK power supply kit to operate on 115 VAC
4 wire shielded, 3 ft long, 22 AWG cable
for power and output
All models are designed for continuous operation

Output
DPG1000L, F4L
4-20 mA analog output, 50 milliseconds typical response
F16L
4-20 mA output, updated approx. 16 times per sec.
DPG1000DR, F4DR
-I: 4-20 mA analog output, 50 millisecond typical response
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F16DR
Updated approximately 16 times per second
-I: 4-20 mA output
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-BV: ±2 VDC output for bipolar ranges only

Ranges and Engineering Units

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<th>Model</th>
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<th>Ranges</th>
<th>NEMA</th>
<th>Backlight</th>
<th>Calibration</th>
<th>Output Test</th>
<th>Output</th>
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<td>DPG1000L</td>
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<td>8-32 VDC, 2 wire loop-powered</td>
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<td>range-options</td>
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<td>4X</td>
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<td>4-20 mA</td>
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<td>F16L</td>
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<td>8-32 VDC, 2 wire loop-powered</td>
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<td>4-20 mA</td>
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<td>4-20 mA</td>
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<td>-I -V ±2 VDC</td>
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### PRESSURE ALARMS AND ALARMS WITH RETRANSMISSION OUTPUT

- **Low Voltage AC/DC Powered**
- **0.5 A Relays with Status LEDs**
- **Analog Output Available**
- **Output Test Function**
- **High or Low Pump Pressure Alarm**
- **Tank Level Monitor Plus Alarm**
- **Automated Leak-Down Testing**
- **Vacuum Pump Alarm**

#### Ranges and Resolution
See range table for available engineering units. Ranges and engineering units are factory set.

#### Accuracy
- Standard: ±0.25% of full scale ±1 least significant digit
- Optional: HA, ±0.1% FS ±1 LSD (most ranges)

#### Display
- 4 digit LCD, 0.5" H, 0.25" H alphanumeric lower display
- 4 readings per second, nominal display update rate
- BL models: Red LED backlight on when gauge is on.
- LCD and bi-color (red/green) LED alarm indicators

#### Controls
- Keypad to setup, configure, and display alarm trip points, acknowledge or toggle alarms

#### Alarm Outputs
- Programmable dual form C (SPDT) relay contacts for Hi/Lo, HI/Lo, LO/LO, normal or reverse acting with 1% deadband, or adjustable trip and reset points for each relay, manual or auto acknowledge.
- 1A/24VDC, 0.5A/115VAC, non-inductive
- 120 milliseconds typical response time

#### DAR Retransmission Output Options
- Updated approximately 16 times per second
  - -I: Current output, 4-20 mA DC
  - -V: Voltage output, 0-2 VDC
  - -BV: Voltage output, ±2 VDC

#### Power
- 8 to 24 VAC 50/60 Hz or 9 to 32 VDC
- Designed for continuous operation
- Use WMPSK power supply kit to operate on 115 VAC

#### GAUGE ACCESSORIES AND OPTIONS

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<th>Calibration</th>
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<td></td>
</tr>
</tbody>
</table>

#### Cases
- **DPG-OK2** Orange Pelican® case, 10.6” x 9.7” x 4.9”, holds 1 or 2 gauges with room for fittings
- **DPG-OK3** Orange Pelican® case, 11.8” x 8.8” x 5.2”, holds 1 to 3 gauges with room for fittings
- **DPG-OK6** Orange Pelican® case, 16.7” x 11.2” x 6.1”, holds 1 to 6 gauges with room for fittings

#### Accessories
- **RB** Orange protective rubber boot, orange, not for NEMA models
- **RBR** Red protective rubber boot, orange, not for NEMA models. Standard on CTP.
- **NC** NIST certificate; 5 test points, test date, NIST traceability documentation
- **CD** 5 point factory calibration data with test date
- **SCR14SS** Filter screen fitting keeps debris out of gauge sensor. 303 SS body, 100 micron 304 SS screen. Recommended for food vacuum packaging applications. Vacuum to 4000 psi.
- **CON14SS** Quick connector allows installation or removal of gauge without tools. 304 stainless steel. Vacuum to 5000 psi.
- **WMPSK** Wall mount power supply kit, 115VAC/12VDC. For AD, DR, and DAR series

#### Options
- **-CC** Moisture resistant circuit board coating. Standard on DPG2000, CTP
- **-FP** Sealed case, internal desiccant, -CC option. For absolute reference DPG1000 and f series only.
- **-HA** High accuracy, ±0.1% FS ±1 LSD. Some ranges require 4 digit display. Not available with 3 or 5 psi sensor, compound, vacuum, or bipolar ranges. Standard on most CTP.
- **-PM** Panel mount, 4.1” x 4.1”, not for NEMA models
- **-SM** Surface mount plate. Battery powered models only, not for NEMA models.
- **-MC** Metal front cover. Synthetic oil resistant. Std. on DPG2000, CTP. n/a NEMA models.
- **-TP** Top gauge port. Battery-powered gauges only, not for NEMA models.
- **-CS** Case stiffener to reinforce bottom of case for tire pressure apps. Std. on DPG2000, CTP.

#### Cecomp maintains a constant effort to upgrade and improve its products. Specifications are subject to change without notice. Consult factory for your specific requirements.
See price list for model-specific ranges and units. Consult factory for custom engineering units.

### Ranges

- **Inh/gsq**: Range Code | PSI
- –29.9 Inh/gsq | 30PSIG | –14.7-15.0
- –29.9 Inh/gsq | 30PSIG | –14.7-100
- –29.9 Inh/gsq | 30PSIG | –14.7-200

**Pounds sq. in**: Range Code | PSI
- 0 psi | 5PSIG | 30
- 0.5 psi | 5PSIG | 50
- 15 psi | 15PSIG | 15.0 abs
- 0.147 psi vac | 15PSIGVAC | –14.7
- –14.7-15.0 psi | 15PSIGVAC | –14.7-15.0
- 0.15 psi | 15PSIG | 15.0
- 30 psi | 30PSIA | 30 abs
- 0.3 psi | 30PSIA | 30.0
- 0.6 psi | 60PSIG | 60.0
- 100 psi | 100PSIA | 100 abs
- –14.7-100 psi | 15PSIGVAC | –14.7-100
- 0.1 psi | 100PSIG | 100
- –14.7-200 psi | 200PSIG | –14.7-200
- 0.2 psi | 200PSIG | 200
- 0.3 psi | 300PSIG | 300
- 0.5 psi | 500PSIG | 500
- 0.1 psi | 1000PSIG | 1000
- 0.2 psi | 2000PSIG | 2000
- 0.3 psi | 3000PSIG | 3000
- 0.5 psi | 5000PSIG | 5000

**inches Hg (0°C)**: Range Code | PSI
- 0.6 inHg | 6INHG | 3.0
- 0.1 inHg | 10INHG | 4.9
- 0.3 inHg | 30INHG 14.7 abs
- –29.9-30 inHg | 30INHGVAC | –14.7
- 0.1 inHg | 30INHG | 14.7 abs
- 60 inHg | 60INHG | 29.5 abs
- 0.6 inHg | 60INHG | 29.5
- 0.12 inHg | 120INHG | 58.9
- 200 inHg | 200INHG | 98.2 abs
- 200 inHg | 200INHG | 98.2 abs
- –29.9-200 inHg | –30V200INHG | –14.7-98.2
- 0.4 inHg | 400INHG | 196
- –29.9-400 inHg | –30V400INHG | –14.7-196
- 0.6 inHg | 600INHG | 295
- 0.1 inHg | 1000INHG | 491

**mm Hg (0°C)**: Range Code | PSI
- 0.05 PSI | 8INHG 3.1
- 0.1 PSI | 140INHG 5.0
- 0.1 PSI | 140INHG 5.0
- 0.04 PSI | 140INHGVAC | –14.7
- 0.1 PSI | 140INHGVAC | –14.7
- 850 PSI | 850INHG 30.7 abs
- 0.850 PSI | 850INHG 30.7

**Feet H2O (20°C)**: Range Code | PSI
- 0-7 ftH2O | 7FTHZO | 3.0
- 0.12 ftH2O | 12FTHZO | 5.2
- 0.35 ftH2O | 35FTHZO | 15.2
- 0.7 ftH2O | 7FTHZO | 30.3
- 0.140 ftH2O | 140FTHZO | 60.7
- 0.230 ftH2O | 230FTHZO | 99.7
- 0.480 ftH2O | 480FTHZO | 208
- 0.700 ftH2O | 700FTHZO | 303
- 0.1150 ftH2O | 1150FTHZO | 498
- 0.230 ftH2O | 230FTHZO | 995
- 0.460 ftH2O | 460FTHZO | 1991
- 0.690 ftH2O | 690FTHZO | 2986

**Ounces/sq. in**: Range Code | PSI
- 0.05 oz/in² | 50ZING | 3.1
- 0.08 oz/in² | 80ZING | 5.0
- 0.20 oz/in² | 200ZING | 15.0 abs
- 0.25 oz/in² | 250ZINGVAC | –14.7
- –235-240 oz/in² | ±240ZING | –14.7-15.0
- 0.240 oz/in² | 240ZING | 15.0
- 0.480 oz/in² | 480ZING | 30.0 abs
- 0.480 oz/in² | 480ZING | 30.0

**mm H2O (0°C)**: Range Code | PSI
- 0-2100 mmH2O | 2100MMHG20 | 3.0
- 0.3500 mmH2O | 3500MMHG20 | 5.0

### DPG and F Series

**Common Specifications**

**Housings**
- Standard: 3.38” W x 2.88” H x 1.65” D
- Aluminum case, plastic bezel, optional metal bezel
- NEMA 4X: 3.5” W x 3.0” H x 2.0” D plastic case
- Add approximately 0.75” to height for pressure fitting
- Add 1” to depth for strain relief on powered models

**Connection and Material**
- 1/4” NPT male, 316L SS wetted parts
- Environmental
- 1/2 digit operating temp.: –40 to 185°F (-20 to 85°C)
- 4 digit operating temperature: –4 to 185°F (-20 to 85°C)
- Compensated temperature: 32 to 158°F (0 to 70°C)
SANITARY PRESSURE GAUGES

- ±0.25% Accuracy
- 316L SS Wetted Parts
- 3-A Tri-Clamp®: 1.5” or 2”
- NEMA 4X Rated

Ranges
Vacuum, absolute
Pressure: 0-15 to 0-300 psi in any engineering units

Battery Powered
Battery powered
Backlit display
2 AA batteries

Transmitter
Loop powered transmitter
Powered by 8 to 32 VDC

Transmitter with Alarm
2 programmable SPDT alarm relays and 4-20mA output

THERMOPRO® TEMPERATURE INDICATORS, TRANSMITTERS, ALARMS

- Precision RTD Element
- NEMA 4X Housing
- 316L Stainless Steel Probe
- 1/2” NPT for Standard Thermowells

Range
–58.0 to 392.0°F or –50.0 to 200.0°C, selectable

Resolution
0.1°F or 0.1°C resolution

Accuracy
±0.1% of span, plus maximum sensor error of ±0.3°C at 0°C, ±1.1°C at 150°C

Sensor
100 Ohm RTD element, 0.00385 alpha coefficient
IEC-751 Class B
10 second time constant

Probe
316L SS sheath, 1/4” diameter
Fixed length probe: Welded to hex nipple
Spring-loaded probe: For use with thermowells

Display
4 readings per second nominal display update rate
4 digit LCD, 0.5” digit height, alphanumeric lower display

Housing
NEMA 4X plastic case
3.5” W x 3.0” H x 2.0” D for housing only

Connection and Probe Material
1/2” NPT male, 316L stainless steel

Operating Temperature
–4 to 185°F (–20 to 85°C) at housing

T16B Battery Powered Indicator
Includes 2 AA batteries

T16L Loop Powered Transmitter
Configurable 4-20mA output, updated 4 times per sec.
3 ft long, 2-conductor 22 AWG cable
2 SPDT relays, 1/2”NPT, 0.5% accuracy
Programmable setpoints, High or Low alarms, alarm action, hysteresis
3 ft long, 2-conductor and 6-conductor 22 AWG cables

Fixed Length Probe | Spring-Loaded for Thermowells | Length |
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<td>T16ADABL12S</td>
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Features | Power
---|---
Battery powered temperature indicator | 2 AA batteries, 1000 hrs.
Battery powered temperature indicator, with red LED display backlight | 2 AA batteries, 150 to 750 hrs.
2 wire 4-20 mA loop powered transmitter | 8-32 VDC loop power
Temperature alarm, 2 SPDT relays, programmable | 8-24 VAC or 9-32 VDC
Temperature alarm, 2 SPDT relays, programmable, with red LED display backlight | 8-24 VAC or 9-32 VDC