

# RUGGED DIGITAL PRESSURE GAUGES

## SELECTABLE PRESSURE UNITS

### DPG120 Series

All Models  
**\$205**

- ✓ High Accuracy
- ✓ Selectable Units of Measure
- ✓ Selectable Relative or Sealed Measurement Reference
- ✓ Easy to Use
- ✓ Stainless Steel Wetted Parts
- ✓ Long Battery Life
- ✓ Auto Shut-Off Feature

#### SPECIFICATIONS

**Accuracy:**  $\pm 0.5\%$  BFSL (includes non-linearity, hysteresis, repeatability)

**Pressure Range:**

DPG110: -14 to 100 psi  
DPG120: -14 to 1000 psi

**Units of Measure:** psi, bar, kg/cm<sup>2</sup>, atm

**Stability (1 Year):**  $\pm 0.25\%$  FS typical

**Overrange Protection:**

2x rated pressure

**Burst Pressure:** 5x or 20,000 psi, whichever is less

**Pressure Cycles:** >100 million cycles

**Operating Temperature Range:**

0 to 55°C (32 to 130°F)

**Compensated Temperature Range:**

0 to 55°C (32 to 130°F)

**Storage Temperature Range:**

-40 to 65°C (-40 to 150°F)

**Temperature Compensation:**

Zero:  $\pm 1.5\%$  FS

Span:  $\pm 1.5\%$  FS

**Pressure Sensor Connection:** 1/8 FNPT

**Update Rate:** 3 samples per second

**Wetted Parts:** Stainless steel

**Power:** 9V alkaline battery (included)

**Auto Shut-Off:** 1 hr

**Battery Life:** 100 hr continuous operation

**Dimensions:** 101 H x 63 W x 44 mm D (4 x 2.5 x 1.75")

**Weight:** 16.4 kg (0.36 lbs)



DPG120, \$205, shown larger than actual size.

**AVAILABLE FOR FAST DELIVERY!**

#### To Order (Specify Model Number)

RANGE		MODEL NO.	PRICE
psi	bar		
-14 to 100	-1 to 6.9	DPG110	\$205
-14 to 1000	-1 to 69	DPG120	205

Comes complete with operator's manual and 9V alkaline battery.

**Ordering Example:** DPG120, -14 to 1000 psi digital gauge, \$205.

Recommended Reference Book: The Engineer's Handbook, EE-2455, \$175. Visit [omega.com/bobi](http://omega.com/bobi) for Additional Books





#### UNITED STATES

[www.omega.com](http://www.omega.com)  
1-800-TC-OMEGA  
Stamford, CT.

#### CANADA

[www.omega.ca](http://www.omega.ca)  
Laval(Quebec)  
1-800-TC-OMEGA

#### GERMANY

[www.omega.de](http://www.omega.de)  
Deckenpfronn, Germany  
0800-8266342

#### UNITED KINGDOM

[www.omega.co.uk](http://www.omega.co.uk)  
Manchester, England  
0800-488-488

#### FRANCE

[www.omega.fr](http://www.omega.fr)  
Guyancourt, France  
088-466-342

#### CZECH REPUBLIC

[www.omegaeng.cz](http://www.omegaeng.cz)  
Karviná, Czech Republic  
596-311-899

#### BENELUX

[www.omega.nl](http://www.omega.nl)  
Amstelveen, NL  
0800-099-33-44



## More than 100,000 Products Available!

### • Temperature

Calibrators, Connectors, General Test and Measurement Instruments, Glass Bulb Thermometers, Handheld Instruments for Temperature Measurement, Ice Point References, Indicating Labels, Crayons, Cements and Lacquers, Infrared Temperature Measurement Instruments, Recorders Relative Humidity Measurement Instruments, RTD Probes, Elements and Assemblies, Temperature & Process Meters, Timers and Counters, Temperature and Process Controllers and Power Switching Devices, Thermistor Elements, Probes and Assemblies, Thermocouples Thermowells and Head and Well Assemblies, Transmitters, Wire

### • Flow and Level

Air Velocity Indicators, Doppler Flowmeters, Level Measurement, Magnetic Flowmeters, Mass Flowmeters, Pitot Tubes, Pumps, Rotameters, Turbine and Paddle Wheel Flowmeters, Ultrasonic Flowmeters, Valves, Variable Area Flowmeters, Vortex Shedding Flowmeters

### • pH and Conductivity

Conductivity Instrumentation, Dissolved Oxygen Instrumentation, Environmental Instrumentation, pH Electrodes and Instruments, Water and Soil Analysis Instrumentation

### • Data Acquisition

Auto-Dialers and Alarm Monitoring Systems, Communication Products and Converters, Data Acquisition and Analysis Software, Data Loggers Plug-in Cards, Signal Conditioners, USB, RS232, RS485 and Parallel Port Data Acquisition Systems, Wireless Transmitters and Receivers

### • Pressure, Strain and Force

Displacement Transducers, Dynamic Measurement Force Sensors, Instrumentation for Pressure and Strain Measurements, Load Cells, Pressure Gauges, Pressure Reference Section, Pressure Switches, Pressure Transducers, Proximity Transducers, Regulators, Strain Gages, Torque Transducers, Valves

### • Heaters

Band Heaters, Cartridge Heaters, Circulation Heaters, Comfort Heaters, Controllers, Meters and Switching Devices, Flexible Heaters, General Test and Measurement Instruments, Heater Hook-up Wire, Heating Cable Systems, Immersion Heaters, Process Air and Duct, Heaters, Radiant Heaters, Strip Heaters, Tubular Heaters