

DPG 250 - GENERAL PURPOSE DIGITAL PRESSURE GAUGE

The DPG 250 is a versatile and economical choice when you need a general purpose digital pressure gauge. Designed for both gas and liquid pressure measurements, it is capable of measuring vacuum as well as positive pressure. With available ranges of -14.7 to 25,000 psi, it adapts easily to most applications. The DPG 250's five-digit LCD display features .48" high characters, as well as a 20-segment bar graph. The gauge can display measurements in nine different engineering units, plus one user-programmable unit of measure. The unit's memory also stores tare and minimum-maximum measurements. This highly accurate (0.5%) gauge is ruggedly crafted from laser welded stainless steel and polycarbonate/ABS plastic, making it suitable for both indoor and outdoor applications. It is designed to replace OEM pressure gauges. It comes standard with a 1/4" NPT male connector at the bottom of the gauge, but the unit can be ordered with different sized connectors. Powered by two AA alkaline cells, battery life exceeds 2000 hours.

- **MEASURES GAUGE, VACUUM AND COMPOUND RANGES FROM -14.7 TO 25,000 PSI**
- **SUITABLE FOR GAS OR LIQUID APPLICATIONS**
- **0.5% TERMINAL POINT ACCURACY (0.25% OPTIONAL)**
- **FIVE-DIGIT LCD DISPLAY WITH LARGE .48" CHARACTER SIZE**
- **20-SEGMENT BAR GRAPH DISPLAY**
- **NINE DIFFERENT ENGINEERING UNITS OF MEASURE**
- **ONE USER-PROGRAMMABLE MEASUREMENT UNIT**
- **IP67 WEATHERPROOF ENCLOSURE**
- **OPTIONAL PROTECTIVE BOOT AVAILABLE**

SPECIFICATIONS

ACCURACY:	0.5% F.S. standard, 0.25% optional
DISPLAY:	LCD; shows five digits, alpha-numeric, bar graph. Icons for battery life, timer, back light timer, tare, min and max. Backlight is optional.
VIEW ANGLE:	12 o'clock
UNITS:	psi, bar, inHg, cmHg, mmHg, kPa, mPa, kg/cm2, ftH2O, and customer defined unit
RANGES:	45 standard psi and bar ranges
RESOLUTION:	Varies by range
UPDATE RATE:	1Hz, 2Hz, 4Hz
MATERIAL:	Stainless steel, Polycarbonate, ABS
ENCLOSURE RATING:	IP67 weatherproof
WETTED MATERIAL:	17-4 ph sensor, and 316L socket; laser welded stainless steel
SIZE:	2.73" (70mm) diameter; 1.61" (40.9mm) deep
CONNECTION:	1/4" NPT (lower mount), other sizes optional
BATTERY	Two AA alkaline batteries
BATTERY LIFE:	2000 hours minimum
OPERATING TEMPERATURE:	-4°F to 140°F, (-20°C to 60°C) ambient temp.; -4°F to 176°F, (-20°C to 80°C) process media temperature



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ORDERING

To create your own model number code, follow the model number format below, and plug in the options you want by code. Please note that some option codes are single characters, and other are multiple characters.

AVAILABLE RANGES

Accuracy:
3 = 0.25%
5 = 0.5% (standard)

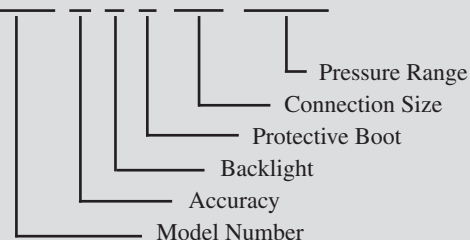
Backlight:
L = Backlight
N = No backlight (standard)

Protective Boot:
0 = None (standard)
1 = Black
2 = Orange

Connection Size:
M01 = 1/8" NPT Male
M02 = 1/4" NPT Male (standard)
MG2 = G1/4B Male
MGA = G1/4A
F09 = 9/16-18UNF-2B interior thread
MD2 = 1/4" NPTF Male

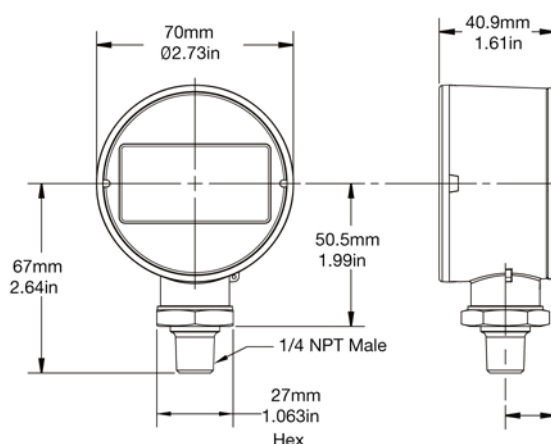
Pressure Range:
15# = 15 psi
30# = 30 psi
50# = 50 psi
60# = 60 psi
100# = 100 psi
150# = 150 psi
200# = 200 psi
300# = 300 psi
500# = 500 psi
750# = 750psi
1000# = 1,000 psi
2000# = 2,000 psi
3000# = 3,000 psi
5000# = 5,000 psi
7500# = 7,500 psi
10000# = 10,000 psi
15000# = 15,000 psi
20000# = 20,000 psi
25000# = 25,000 psi

Order Code Example:
DPG 250 - A - B - C - DDD - EEEEEEE



0IM&V = 0 inHg/30inHg
15#&V = 15 psi/-14.7
30#&V = 30 psi/-14.7 psi
45#&V = 45 psi/-14.7 psi
60#&V = 60 psi/-14.7

DPG-250



Weight: 6.7 oz. (no boot)
8.4 oz. (boot attached)