

# pro<sup>sense</sup>® DPG1 Series Digital Pressure Gauges



ProSense DPG1 digital pressure gauges are ideal for industrial and general purpose applications requiring an accurate and reliable device with easy to read digital display.

## Features

- ±0.5% accuracy
- 2-button operation
- Backlight display turns on when on/off button is pressed
- Option for continuous peak pressure indication
- Continuous on display option or timeout to save battery life
- Wide variety of pressure unit selections
- Reset to zero feature
- Powered via 2 x AAA batteries (included)
- Rubber boot for added protection (included)
- 316L welded diaphragm seal
- ASME B40.100 compliant

DPG1 Series Digital Pressure Gauges				
Part Number	Scale	Pcs/Pkg	Wt (lb)	Price
DPG1-15	0 to 15 psig	1	0.7	\$100.00
DPG1-30	0 to 30 psig	1	0.7	\$100.00
DPG1-60	0 to 60 psig	1	0.7	\$100.00
DPG1-100	0 to 100 psig	1	0.7	\$100.00
DPG1-200	0 to 200 psig	1	0.7	\$100.00
DPG1-300	0 to 300 psig	1	0.7	\$100.00
DPG1-600	0 to 600 psig	1	0.7	\$100.00
DPG1-1000	0 to 1000 psig	1	0.7	\$100.00
DPG1-3000	0 to 3000 psig	1	0.7	\$100.00
DPG1-5000	0 to 5000 psig	1	0.7	\$100.00



**NOTE: CHECK THE CHEMICAL COMPATIBILITY OF THE SENSOR'S WETTED PARTS WITH THE MEDIUM TO BE MEASURED**

DPG1 Series Digital Pressure Gauges			
Part Number	Operating Pressure	Proof Pressure	Burst Pressure
DPG1-15	0 to 15 psig	30 psig	45 psig
DPG1-30	0 to 30 psig	60 psig	90 psig
DPG1-60	0 to 60 psig	120 psig	180 psig
DPG1-100	0 to 100 psig	200 psig	300 psig
DPG1-200	0 to 200 psig	400 psig	600 psig
DPG1-300	0 to 300 psig	600 psig	900 psig
DPG1-600	0 to 600 psig	1200 psig	1800 psig
DPG1-1000	0 to 1000 psig	2000 psig	3000 psig
DPG1-3000	0 to 3000 psig	6000 psig	9000 psig
DPG1-5000	0 to 5000 psig	10000 psig	15000 psig



**WARNING! AVOID STATIC AND DYNAMIC OVERPRESSURE EXCEEDING THE SPECIFIED PROOF PRESSURE. EXCEEDING THE BURSTING PRESSURE FOR EVEN A SHORT TIME CAN CAUSE DESTRUCTION OF THE UNIT AND POSSIBLE INJURIES!**

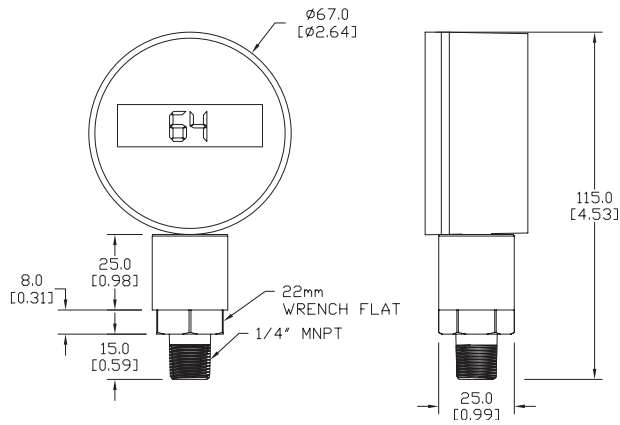
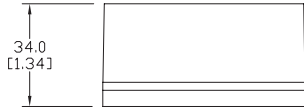
DPG1 Series Digital Pressure Gauge Specifications	
Case Size	2.5" (63mm)
Case Material	ABS (acrylonitrile butadiene styrene)
Rubber Boot	Silicone rubber
LCD Display	2" x 3/4" (48mm x 16mm)
Process Connection	1/4" NPT
Sensor	Piezo, welded
Wetted Parts	304SS, 316L
Operating Life	1 million cycles
Power Supply	2 x AAA battery (1.5V) - included/installed
Battery Life	2 years (auto shut-off mode), 2 weeks if on continuously
Power Mode	Auto or manual shut-off
Display Digits	4-digits, 12.5 mm character height
Pressure Unit Selection	psi, mH <sub>2</sub> O, mmHg, mbar, kPa range ≤ 100psig psi, bar, kg/cm <sup>2</sup> , MPa, atm ranges ≥ 200psig
Response Time	≤ 3Hz display refresh rate
Proof / Burst Pressure	200% / 300% of full scale
Operating Temperature	14°F to 122°F (-10°C to 50°C)
Storage Temperature	-4°F to 167°F (-20°C to 75°C)
Accuracy	±0.5% of full scale
Enclosure Rating	IP60
Approvals*	None

\* To obtain the most current agency approval information, see the Agency Approval Checklist section on the specific part number's web page

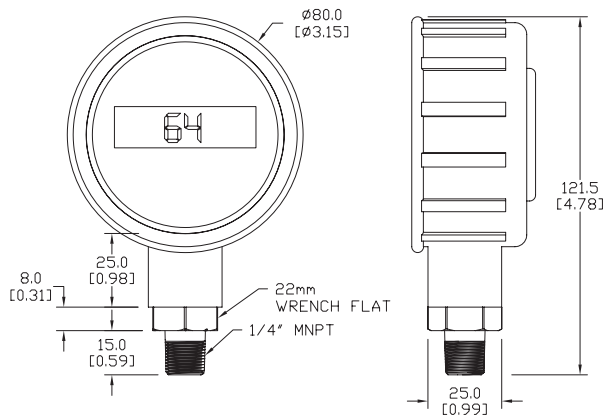
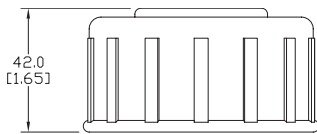
# pro<sup>ense</sup>® DPG1 Series Digital Pressure Gauges

## Dimensions

mm [inches]



**DPG1 Gauges without Rubber Boot Installed**



**DPG1 Gauges with Rubber Boot Installed**

See our website [www.AutomationDirect.com](http://www.AutomationDirect.com) for complete Engineering drawings.