

The Series BDG-01 Brass Digital Pressure Gage measures gas pressure with ±0.5% FS accuracy at an affordable price. With brass wetted material, the series BDG is designed for your specific applications of compatible gases. Its design allows for easy installation. User-selectable units of measure let one gage be used for various pressure scales.

The Series WDG Weatherproof Digital Pressure Gage measures gas and liquid pressure with high accuracy at an affordable price. It's rugged weatherproof design stands up to outdoor and industrial environments. The 4-digit backlit display with four selectable units makes readings easily visible to prevent reading errors. The WDG comes with 304L stainless steel wetted material for a wide range of compatible liquids and gases.

FEATURES/BENEFITS

- · Brass wetted materials for use with compatible gases
- · Backlit display provides easy viewing of gage measurement
- · Selectable units provide readings in easily recognizable units for user
- · Well-suited gage for application designs specifying simple operation and accuracy · Rugged weatherproof enclosure enables a range of use outdoor or indoor where water is present

APPLICATIONS

- Pneumatic
- · Draft measurement
- Filter monitoring
- Industrial
- Outdoor
- · HVAC roof-top
- Flow

OPTIONS

Use order code: Description NISTCAL-PG1 NIST traceable calibration certificate

SPECIFICATIONS

Service: BDG: Compatible gases; WDG: Compatible gases and liquids. Wetted Materials: BDG: Brass and silicone sensor; WDG: 304L SS. Housing Materials: BDG: ABS plastic; WDG: Fiberglass reinforced PP plastic. Accuracy: BDG: ±0.5% FS; WDG: ±0.5% FS for ranges up to 1000 psig (68.94 bar); ±1% FS for 5000 psig (344.74 bar) range. Long Term Stability: ±0.05% FS per year. Pressure Limits: 2X pressure range; Burst pressure: 3X pressure range. Enclosure Rating: BDG: IP10; WDG: IP65. Temperature Limits: 14 to 140°F (-10 to 60°C). Thermal Effect: ±0.04% FS per °C. Size: 2.5" O.D. Process Connection: 1/4" male NPT. Display: 4-digit LCD (1-1/4 x 5/8"). Power Requirements: 3 V CR123A lithium metal battery, installed functional, user replaceable. Battery Life: 2 to 3 years typ.

Weight: BDG: 0.29 lb (0.13 kg); WDG: 0.34 lb (0.15 kg)

MODEL CHART				
	Pressure Ranges			
Model	Range (psig)	bar	mPa	kg/cm ²
BDG-01	0 to 150	10.342	1.034	10.545
WDG-01	0 to 50	3.45	0.34	3.52
WDG-02	0 to 100	6.89	0.69	7.03
WDG-03	0 to 300	20.68	2.07	21.09
WDG-06	0 to 5000	344.74	34.47	351.5

USA: California Proposition 65 AWARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov