

WEATHERPROOF OR BRASS DIGITAL PRESSURE GAGES

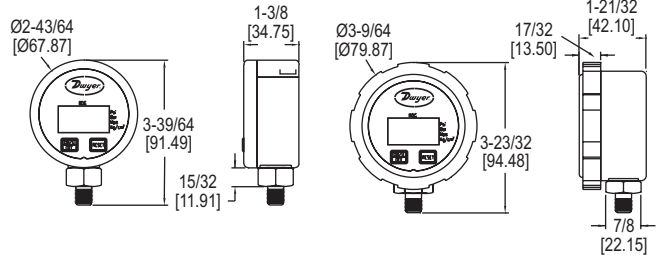
±0.5% FS Accuracy, Weatherproof, Economic Plastic Housing, Brass Wetted Parts



BDG



WDG



BDG

WDG

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 ranging 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	Pressure Ranges			
	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