



Series
DCGII

Digital Calibration Pressure Gage

±0.05% FS Accuracy, 316 SS Wetted Parts

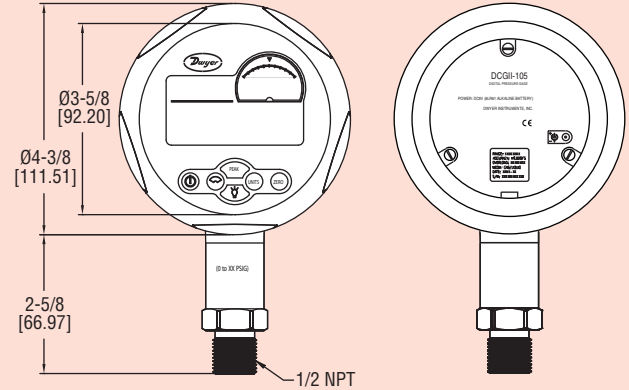


PRESSURE

Single Pressure Gages,
Digital



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The Series DCGII Digital Calibration Pressure Gage offers a complete pressure gage with calibration capabilities. With a precise 0.05% full scale accuracy and large 5 digit resolution, this gage can be used in critical industrial applications where precision is most important. This versatile gage only requires one 9V battery or power adapter and can operate up to 5,000 working hours. The Series DCGII 0.05% Digital Pressure Gage can display percent of range, pressure swings or alarm set points. This pressure gage comes complete with eleven selectable pressure units, backlight and zeroing capability.

FEATURES

- Indicator can display percent of range, pressure swings or alarm set points
- Minimum and maximum peak detection
- Selectable 10, 20, or 30 second backlight
- Temperature indication
- Eleven selectable pressure units
- Stainless steel 1/2" male NPT connection

APPLICATIONS

Field gage calibration, permanent installation, burst disc testing, torque data logging, pressure regulator testing and hydrostatic leak testing.

SPECIFICATIONS

Service: Compatible, non-combustible liquids and gases.

Wetted Materials: 316 SS.

Other Materials: Housing: Aluminum alloy; Display: Acrylic MR200; Buttons: Silicon gel; Back plate: 304 SS; Back seal: Oil-proof latex.

Accuracy: 0.05% FS; ±1 least significant digit.

Temperature Accuracy: ±1°C.

Pressure Limits: 120% FS.

Temperature Limits: 14 to 122°F (-10 to 50°C).

Compensated Limits: 32 to 122°F (0 to 50°C).

Process Connection: 1/2" male NPT.

Display: 5-digit LCD with blue backlight.

Power Requirements: 9 V alkaline battery, included, user replaceable, or power adapter accessory.

Battery Life: Up to 10,000 hours (600 working hours @ default 3 times/s).

Auto Shut-off: Backlight: On/off, 10 s, 20 s, 30 s.

Weight: 1.28 lb (0.58 kg).

Agency Approvals: CE.

Model	Range (psig)	kPa	MPa	kgf/cm ²	in H ₂ O	in Hg	mm Hg	psi	mbar	bar
DCGII-100	-14.7 to 0	-101.35	-0.1013	-1.0335	-406.90	-29.929	-760.21	-14.700	1013.5	-1.0135
DCGII-101	0 to 15	103.42	0.1034	1.0546	415.20	30.540	775.72	15.000	1034.2	1.0342
DCGII-102	0 to 30	206.84	0.2067	2.1092	830.40	61.080	1551.4	30.000	2068.4	2.0684
DCGII-103	0 to 60	413.69	0.4134	4.2184	1660.8	122.16	3102.9	60.000	4136.9	4.1369
DCGII-104	0 to 100	689.48	0.6890	7.0307	2768.0	203.60	5171.5	100.00	6894.8	6.8948
DCGII-105	0 to 200	1379.0	1.3780	14.061	5536.0	407.20	10343.3	200.00	13790.0	13.7900
DCGII-106	0 to 300	2068.4	2.0670	21.092	8304.0	610.80	15514.3	300.00	20684.0	20.6840
DCGII-107	0 to 500	3447.4	3.4450	35.153	13840.0	1018.0	25857.3	500.00	34474.0	34.4740
DCGII-108	0 to 1000	6894.8	6.8900	70.307	27680.0	2036.0	51714.3	1000.00	68948.0	68.9480
DCGII-109	0 to 2000	13789.6	13.7800	140.61	55360.0	4072.0	103428.6	2000.00	137896.0	137.8960

ACCESSORIES

A-644, 9V DC power adapter

BBV-0N, 2-valve block manifold

PCHP-10, Pneumatic calibration pump

OPTION

For NIST traceable pressure calibration certificate, use order code NISTCAL-PG2.

See page 456 (Series PCHP)

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