

# PG SERIES GENERAL PURPOSE GAUGES

## Description & Features:

- Economical pressure gauges designed for general applications that are not corrosive to brass and that are not subject to harsh environmental conditions that would damage steel.
- Available in dial sizes of 1.5", 2", 2.5" and 4".
- Durable steel case painted black with push-in PC lens for easy replacement on 1.5", 2" and 2.5" dial sizes. 4" dial gauge comes with a steel case painted black with a glass lens and nickel-plated ring.
- 7-year warranty\*

\*Refer to Merit Instruments warranty page for full warranty details.



## Specifications:

- Dial: 1.5" (40mm), 2" (50mm), 2.5" (63mm) and 4" (100mm) available.
- Case: Steel painted black standard. Plastic case available on 1.5", 2" and 2.5" dial sizes.
- Lens: PC standard for 1.5", 2" and 2.5" dial sizes and glass is standard on the 4" dial size. Other lens materials available upon request.
- Ring: 1.5", 2" and 2.5" dial sizes have a push-in lens without a retaining ring. 4" dial has a nickel-plated retaining ring.
- Socket: Brass.
- Bourdon Tube: Phosphor bronze.
- Connection: 1/8" NPT, 1/4" NPT and 1/2" NPT available.
- Dial: Aluminum, painted white with black and red markings for dual scale ranges, and black markings for single scale ranges.
- Pointer: Aluminum, non-adjustable, painted black.
- Working Pressure: Maximum 75% of full scale value.
- Accuracy: +/- 3%-2%-3%, ANSI/ASME Grade B
- IP Rating: IP52



## Applications:

- Suitable for applications with process media that is not corrosive to brass and environmental conditions suitable for steel or plastic.
- Typical applications include: air compressors, pumps, hydraulic lines, air lines, water tanks, etc.
- Suitable for OEM products that require custom logo dials (POA).

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<b>Economy/Utility 3%-2%-3% gauge, black steel case, push-in PC lens, brass internals 1/8" NPT Bottom</b>  P = Pressure Gauge G= General Purpose C = 1.5" Dial 4 - 1/8" NPT  100 Codes = psi only 200 Codes = psi/Bar 300 Codes = psi/kPa	PSI Only	Code	PSI/Bar	Code	PSI/kPa	Code
	30" Vacuum	PGC4100	30" Vac/Bar	PGC4200	Vacuum/kPa	PGC4300
	0/15 psi	PGC4101	0/15 psi/Bar	PGC4201	0-15 psi/kPa	PGC4301
	0/30 psi	PGC4102	0/30 psi/Bar	PGC4202	0-30 psi/kPa	PGC4302
	0/60 psi	PGC4103	0/60 psi/Bar	PGC4203	0-60 psi/kPa	PGC4303
	0/100 psi	PGC4104	0/100 psi/Bar	PGC4204	0-100 psi/kPa	PGC4304
	0/160 psi	PGC4105	0/160 psi/Bar	PGC4205	0-160 psi/kPa	PGC4305
	0/200 psi	PGC4106	0/200 psi/Bar	PGC4206	0-200 psi/kPa	PGC4306
	0/300 psi	PGC4107	0/300 psi/Bar	PGC4207	0-300 psi/kPa	PGC4307
0/600 psi	PGC4108	0/600 psi/Bar	PGC4208	0-600 psi/kPa	PGC4308	

<b>Ditto 1.5"x 1/8" NPT Back</b>  P = Pressure Gauge G= General Purpose C = 1.5" Dial 4 - 1/8" NPT  500 Codes = psi only back connection 600 Codes = psi/Bar back connection 700 Codes = psi/kPa back connection	PSI Only	Code	PSI/Bar	Code	PSI/kPa	Code
	30" Vacuum	PGC4500	30" Vac/Bar	PGC4600	Vacuum/kPa	PGC4700
	0/15 psi	PGC4501	0/15 psi/Bar	PGC4601	0-15 psi/kPa	PGC4701
	0/30 psi	PGC4502	0/30 psi/Bar	PGC4602	0-30 psi/kPa	PGC4702
	0/60 psi	PGC4503	0/60 psi/Bar	PGC4603	0-60 psi/kPa	PGC4703
	0/100 psi	PGC4504	0/100 psi/Bar	PGC4604	0-100 psi/kPa	PGC4704
	0/160 psi	PGC4505	0/160 psi/Bar	PGC4605	0-160 psi/kPa	PGC4705
	0/200 psi	PGC4506	0/200 psi/Bar	PGC4606	0-200 psi/kPa	PGC4706
	0/300 psi	PGC4507	0/300 psi/Bar	PGC4607	0-300 psi/kPa	PGC4707
0/600 psi	PGC4508	0/600 psi/Bar	PGC4608	0-600 psi/kPa	PGC4708	

# PG SERIES GENERAL PURPOSE GAUGES

Ditto 2" x 1/4" NPT Bottom P = Pressure Gauge G= General Purpose D = 2" Dial 2 - 1/4" NPT  100 Codes = psi only 200 Codes = psi/Bar 300 Codes = psi/kPa	PSI Only	Code	PSI/Bar	Code	PSI/kPa	Code
	30" Vacuum	PGD2100	30" Vac/Bar	PGD2200	Vacuum/kPa	PGD2300
	0/15 psi	PGD2101	0/15 psi/Bar	PGD2201	0-15 psi/kPa	PGD2301
	0/30 psi	PGD2102	0/30 psi/Bar	PGD2202	0-30 psi/kPa	PGD2302
	0/60 psi	PGD2103	0/60 psi/Bar	PGD2203	0-60 psi/kPa	PGD2303
	0/100 psi	PGD2104	0/100 psi/Bar	PGD2204	0-100 psi/kPa	PGD2304
	0/160 psi	PGD2105	0/160 psi/Bar	PGD2205	0-160 psi/kPa	PGD2305
	0/200 psi	PGD2106	0/200 psi/Bar	PGD2206	0-200 psi/kPa	PGD2306
	0/300 psi	PGD2107	0/300 psi/Bar	PGD2207	0-300 psi/kPa	PGD2307
	0/600 psi	PGD2108	0/600 psi/Bar	PGD2208	0-600 psi/kPa	PGD2308
0/1000 psi	PGD2109	0/1000 psi/Bar	PGD2209	0-1000 psi/kPa	PGD2309	

Ditto 2" x 1/4" NPT Back P = Pressure Gauge G= General Purpose D = 2" Dial 2 - 1/4" NPT  500 Codes = psi only back connection 600 Codes = psi/Bar back connection 700 Codes = psi/kPa back connection	PSI Ranges	Code	PSI/Bar Ranges	Code	PSI/kPa Ranges	Code
	30" Vacuum	PGD2500	30" Vac/Bar	PGD2600	Vacuum/kPa	PGD2700
	0/15 psi	PGD2501	0/15 psi/Bar	PGD2601	0-15 psi/kPa	PGD2701
	0/30 psi	PGD2502	0/30 psi/Bar	PGD2602	0-30 psi/kPa	PGD2702
	0/60 psi	PGD2503	0/60 psi/Bar	PGD2603	0-60 psi/kPa	PGD2703
	0/100 psi	PGD2504	0/100 psi/Bar	PGD2604	0-100 psi/kPa	PGD2704
	0/160 psi	PGD2505	0/160 psi/Bar	PGD2605	0-160 psi/kPa	PGD2705
	0/200 psi	PGD2506	0/200 psi/Bar	PGD2606	0-200 psi/kPa	PGD2706
	0/300 psi	PGD2507	0/300 psi/Bar	PGD2607	0-300 psi/kPa	PGD2707
	0/600 psi	PGD2508	0/600 psi/Bar	PGD2608	0-600 psi/kPa	PGD2708
0/1000 psi	PGD2509	0/1000 psi/Bar	PGD2609	0-1000 psi/kPa	PGD2709	

# PG SERIES GENERAL PURPOSE GAUGES

<b>Economy/Utility 3%-2%-3% gauge, black steel case, push-in PC lens, brass internals, 2.5" x 1/4" NPT Bottom</b>  P = Pressure Gauge G= General Purpose A = 2.5" Dial 2 = 1/4" NPT  100 Codes = psi only 200 Codes = psi/Bar 300 Codes = psi/kPa	PSI Only	Code	PSI/Bar	Code	PSI/kPa	Code
	30" Vacuum	PGA2100	30" Vac/Bar	PGA2200	Vacuum/kPa	PGA2300
	0/15 psi	PGA2101	0/15 psi/Bar	PGA2201	0-15 psi/kPa	PGA2301
	0/30 psi	PGA2102	0/30 psi/Bar	PGA2202	0-30 psi/kPa	PGA2302
	0/60 psi	PGA2103	0/60 psi/Bar	PGA2203	0-60 psi/kPa	PGA2303
	0/100 psi	PGA2104	0/100 psi/Bar	PGA2204	0-100 psi/kPa	PGA2304
	0/160 psi	PGA2105	0/160 psi/Bar	PGA2205	0-160 psi/kPa	PGA2305
	0/200 psi	PGA2106	0/200 psi/Bar	PGA2206	0-200 psi/kPa	PGA2306
	0/300 psi	PGA2107	0/300 psi/Bar	PGA2207	0-300 psi/kPa	PGA2307
	0/600 psi	PGA2108	0/600 psi/Bar	PGA2208	0-600 psi/kPa	PGA2308
0/1000 psi	PGA2109	0/1000 psi/Bar	PGA2209	0-1000 psi/kPa	PGA2309	

<b>Ditto 2.5" x 1/4" NPT Back</b>  P = Pressure Gauge G= General Purpose A = 2.5" Dial 2 = 1/4" NPT  500 Codes = psi only back connection 600 Codes = psi/Bar back connection 700 Codes = psi/kPa back connection	PSI Ranges	Code	PSI/Bar Ranges	Code	PSI/kPa Ranges	Code
	30" Vacuum	PGA2500	30" Vac/Bar	PGA2600	Vacuum/kPa	PGA2700
	0/15 psi	PGA2501	0/15 psi/Bar	PGA2601	0-15 psi/kPa	PGA2701
	0/30 psi	PGA2502	0/30 psi/Bar	PGA2602	0-30 psi/kPa	PGA2702
	0/60 psi	PGA2503	0/60 psi/Bar	PGA2603	0-60 psi/kPa	PGA2703
	0/100 psi	PGA2504	0/100 psi/Bar	PGA2604	0-100 psi/kPa	PGA2704
	0/160 psi	PGA2505	0/160 psi/Bar	PGA2605	0-160 psi/kPa	PGA2705
	0/200 psi	PGA2506	0/200 psi/Bar	PGA2606	0-200 psi/kPa	PGA2706
	0/300 psi	PGA2507	0/300 psi/Bar	PGA2607	0-300 psi/kPa	PGA2707
	0/600 psi	PGA2508	0/600 psi/Bar	PGA2608	0-600 psi/kPa	PGA2708
0/1000 psi	PGA2509	0/1000 psi/Bar	PGA2609	0-1000 psi/kPa	PGA2709	

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4" Dial 1/4" NPT Bottom SS ring P = Pressure Gauge G= General Purpose B = 4" Dial 2 = 1/4" NPT  100 Codes = psi only 200 Codes = psi/Bar 300 Codes = psi/kPa	PSI Only	Code	PSI/Bar	Code	PSI/kPa	Code
	30" Vacuum	PGA2100	30" Vac/Bar	PGA2200	Vacuum/kPa	PGA2300
	0/15 psi	PGA2101	0/15 psi/Bar	PGA2201	0-15 psi/kPa	PGA2301
	0/30 psi	PGA2102	0/30 psi/Bar	PGA2202	0-30 psi/kPa	PGA2302
	0/60 psi	PGA2103	0/60 psi/Bar	PGA2203	0-60 psi/kPa	PGA2303
	0/100 psi	PGA2104	0/100 psi/Bar	PGA2204	0-100 psi/kPa	PGA2304
	0/160 psi	PGA2105	0/160 psi/Bar	PGA2205	0-160 psi/kPa	PGA2305
	0/200 psi	PGA2106	0/200 psi/Bar	PGA2206	0-200 psi/kPa	PGA2306
	0/300 psi	PGA2107	0/300 psi/Bar	PGA2207	0-300 psi/kPa	PGA2307
	0/600 psi	PGA2108	0/600 psi/Bar	PGA2208	0-600 psi/kPa	PGA2308
0/1000 psi	PGA2109	0/1000 psi/Bar	PGA2209	0-1000 psi/kPa	PGA2309	

4" Dial 1/4" NPT Back P = Pressure Gauge G= General Purpose B = 4" Dial 2 = 1/4" NPT  500 Codes = psi only back connection 600 Codes = psi/Bar back connection 700 Codes = psi/kPa back connection	PSI Only	Code	PSI/Bar	Code	PSI/kPa	Code
	30" Vacuum	PGB2500	30" Vac/Bar	PGB2600	Vacuum/kPa	PGB2700
	0/15 psi	PGB2501	0/15 psi/Bar	PGB2601	0-15 psi/kPa	PGB2701
	0/30 psi	PGB2502	0/30 psi/Bar	PGB2602	0-30 psi/kPa	PGB2702
	0/60 psi	PGB2503	0/60 psi/Bar	PGB2603	0-60 psi/kPa	PGB2703
	0/100 psi	PGB2504	0/100 psi/Bar	PGB2604	0-100 psi/kPa	PGB2704
	0/160 psi	PGB2505	0/160 psi/Bar	PGB2605	0-160 psi/kPa	PGB2705
	0/200 psi	PGB2506	0/200 psi/Bar	PGB2606	0-200 psi/kPa	PGB2706
	0/300 psi	PGB2507	0/300 psi/Bar	PGB2607	0-300 psi/kPa	PGB2707
	0/600 psi	PGB2508	0/600 psi/Bar	PGB2608	0-600 psi/kPa	PGB2708