

PCR LEAD FREE BRASS LIQUID FILLED SERIES

Description & Features:

- Merit's Lead-Free brass PCR Series gauges are manufactured & tested to contain lead content of less than 0.1% in compliance with the Safe Drinking Water Act (<https://www.epa.gov/sdwa>). Look for the  that indicates that your Merit lead-free gauge is SDWA compliant!
- Glycerin filled for applications subject to vibration, to prevent pointer flutter & damage to movement gears.
- 7-Year Warranty*

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



Specifications:

- Dial: 2.5" (63mm) and 4" (100mm) standard. Other sizes available upon request.
- Case: 304 stainless steel.
- Lens: Polycarbonate (PC).
- Ring: 304 stainless steel.
- Socket: Lead-free brass (<0.1% lead content).
- Bourdon Tube: Phosphor bronze.
- Movement: Stainless steel.
- Connection: 1/4" NPT bottom or center back connection. Other connections available upon request.
- Dial: Aluminum, painted white with black and red markings for dual scale ranges, and black markings for single scale ranges.
- Pointer: Aluminum, painted black.
- Working Pressure: Maximum 75% of full scale value.
- Accuracy: +/-1.5% of full scale.
- Made to ASME B40.100 standards
- IP Rating: IP65

Applications:

- Suitable for applications that require lead-free brass and that require glycerin filling to dampen the negative effects of vibration such as: water pumps, compressors, water lines, hydraulic presses and pneumatic equipment.

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2.5" Dial Pressure Gauge Lead-free brass internals glycerine filled 1/4" NPT bottom connection P = Pressure Gauge CR = Crimped Ring GL = Glycerine Filled Lead- Free Brass Internals A = 2.5" Dial 2 = 1/4" NPT 100 Codes = psi only 200 Codes = psi/Bar 300 Codes = psi/kPa	PSI Ranges	Code	PSI/Bar Ranges	Code	PSI/kPa Ranges	Code
	Vacuum only	PCRGA2100	Vacuum/Bar	PCRGA2200	Vacuum/kPa	PCRGA2300
	15 psi only	PCRGA2101	15 psi/Bar	PCRGA2201	0-15 psi/kPa	PCRGA2301
	30 psi only	PCRGA2102	30 psi/Bar	PCRGA2202	0-30 psi/kPa	PCRGA2302
	60 psi only	PCRGA2103	60 psi/Bar	PCRGA2203	0-60 psi/kPa	PCRGA2303
	100 psi only	PCRGA2104	100 psi/Bar	PCRGA2204	0-100 psi/kPa	PCRGA2304
	160 psi only	PCRGA2105	160 psi/Bar	PCRGA2205	0-160 psi/kPa	PCRGA2305
	200 psi only	PCRGA2106	200 psi/Bar	PCRGA2206	0-200 psi/kPa	PCRGA2306
	300 psi only	PCRGA2107	300 psi/Bar	PCRGA2207	0-300 psi/kPa	PCRGA2307
	600 psi only	PCRGA2108	600 psi/Bar	PCRGA2208	0-600 psi/kPa	PCRGA2308
	1000 psi only	PCRGA2109	1000 psi/Bar	PCRGA2209	0-1000 psi/kPa	PCRGA2309
	1500 psi only	PCRGA2110	1500 psi/Bar	PCRGA2210	0-1500 psi/kPa	PCRGA2310
	2000 psi only	PCRGA2111	2000 psi/Bar	PCRGA2211	0-2000 psi/kPa	PCRGA2311
	3000 psi only	PCRGA2112	3000 psi/Bar	PCRGA2212	0-3000 psi/Kpa	PCRGA2312
	5000 psi only	PCRGA2113	5000 psi/Bar	PCRGA2213	0-5000 psi/kPa	PCRGA2313
	30/0/15 psi only	PCRGA2114	30/0/15 psi/Bar	PCRGA2214	30/0/15 psi/kPa	PCRGA2314
	30/0/30 psi only	PCRGA2115	30/0/30 psi/Bar	PCRGA2215	30/0/30 psi/kPa	PCRGA2315
	30/0/60 psi only	PCRGA2116	30/0/60 psi/Bar	PCRGA2216	30/0/60 psi/kPa	PCRGA2316
	30/0/100 psi only	PCRGA2117	30/0/100 psi/Bar	PCRGA2217	30/0/100 psi/kPa	PCRGA2317
	30/0/160 psi only	PCRGA2118	30/0/160 psi/Bar	PCRGA2218	30/0/160 psi/kPa	PCRGA2318
	30/0/200 psi only	PCRGA2119	30/0/200 psi/Bar	PCRGA2219	30/0/200 psi/kPa	PCRGA2319
	30/0/300 psi only	PCRGA2120	30/0/300 psi/Bar	PCRGA2220	30/0/300 psi/kPa	PCRGA2320

2.5" Dial Pressure Gauge Lead-free brass internals glycerine filled 1/4" NPT center back connection P = Pressure Gauge CR = Crimped Ring GL = Glycerine Filled Lead- Free Brass Internals 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
	Vacuum only	PCRGA2500	Vacuum/Bar	PCRGA2600	Vacuum/kPa	PCRGA2700
	15 psi only	PCRGA2501	15 psi/Bar	PCRGA2601	0-15 psi/kPa	PCRGA2701
	30 psi only	PCRGA2502	30 psi/Bar	PCRGA2602	0-30 psi/kPa	PCRGA2702
	60 psi only	PCRGA2503	60 psi/Bar	PCRGA2603	0-60 psi/kPa	PCRGA2703
	100 psi only	PCRGA2504	100 psi/Bar	PCRGA2604	0-100 psi/kPa	PCRGA2704
	160 psi only	PCRGA2505	160 psi/Bar	PCRGA2605	0-160 psi/kPa	PCRGA2705
	200 psi only	PCRGA2506	200 psi/Bar	PCRGA2606	0-200 psi/kPa	PCRGA2706
	300 psi only	PCRGA2507	300 psi/Bar	PCRGA2607	0-300 psi/kPa	PCRGA2707
	600 psi only	PCRGA2508	600 psi/Bar	PCRGA2608	0-600 psi/kPa	PCRGA2708
	1000 psi only	PCRGA2509	1000 psi/Bar	PCRGA2609	0-1000 psi/kPa	PCRGA2709
	1500 psi only	PCRGA2510	1500 psi/Bar	PCRGA2610	0-1500 psi/kPa	PCRGA2710
	2000 psi only	PCRGA2511	2000 psi/Bar	PCRGA2611	0-2000 psi/kPa	PCRGA2711
	3000 psi only	PCRGA2512	3000 psi/Bar	PCRGA2612	0-3000 psi/Kpa	PCRGA2712
	5000 psi only	PCRGA2513	5000 psi/Bar	PCRGA2613	0-5000 psi/kPa	PCRGA2713
	30/0/15 psi only	PCRGA2514	30/0/15 psi/Bar	PCRGA2614	30/0/15 psi/kPa	PCRGA2714
	30/0/30 psi only	PCRGA2515	30/0/30 psi/Bar	PCRGA2615	30/0/30 psi/kPa	PCRGA2715
	30/0/60 psi only	PCRGA2516	30/0/60 psi/Bar	PCRGA2616	30/0/60 psi/kPa	PCRGA2716
	30/0/100 psi only	PCRGA2517	30/0/100 psi/Bar	PCRGA2617	30/0/100 psi/kPa	PCRGA2717
	30/0/160 psi only	PCRGA2518	30/0/160 psi/Bar	PCRGA2618	30/0/160 psi/kPa	PCRGA2718
	30/0/200 psi only	PCRGA2519	30/0/200 psi/Bar	PCRGA2619	30/0/200 psi/kPa	PCRGA2719
	30/0/300 psi only	PCRGA2520	30/0/300 psi/Bar	PCRGA2620	30/0/300 psi/kPa	PCRGA2720

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4" Dial Pressure Gauge Lead-Free brass internals, glycerin filled, 1/4" NPT bottom connection. P = Pressure Gauge CR = Crimped Ring G = Glycerine Filled Lead- Free Brass Internals B = 4" Dial 2 = 1/4" NPT 3 = 1/2" NPT 100 Codes = psi only 200 Codes = psi/Bar 300 Codes = psi/kPa Note: =>1000 psi, 1/2" NPT connection	PSI Ranges	Code	PSI/Bar Ranges	Code	PSI/kPa Ranges	Code
	Vacuum	PCRGB2100	Vacuum/Bar	PCRGB2200	Vacuum/kPa	PCRGB2300
	15 psi	PCRGB2101	15 psi/Bar	PCRGB2201	0-15 psi/kPa	PCRGB2301
	30 psi	PCRGB2102	30 psi/Bar	PCRGB2202	0-30 psi/kPa	PCRGB2302
	60 psi	PCRGB2103	60 psi/Bar	PCRGB2203	0-60 psi/kPa	PCRGB2303
	100 psi	PCRGB2104	100 psi/Bar	PCRGB2204	0-100 psi/kPa	PCRGB2304
	160 psi	PCRGB2105	160 psi/Bar	PCRGB2205	0-160 psi/kPa	PCRGB2305
	200 psi	PCRGB2106	200 psi/Bar	PCRGB2206	0-200 psi/kPa	PCRGB2306
	300 psi	PCRGB2107	300 psi/Bar	PCRGB2207	0-300 psi/kPa	PCRGB2307
	600 psi	PCRGB2108	600 psi/Bar	PCRGB2208	0-600 psi/kPa	PCRGB2308
	1000 psi	PCRGB3109	1000 psi/Bar	PCRGB3209	0-1000 psi/kPa	PCRGB3309
	1500 psi	PCRGB3110	1500 psi/Bar	PCRGB3210	0-1500 psi/kPa	PCRGB3310
	2000 psi	PCRGB3111	2000 psi/Bar	PCRGB3211	0-2000 psi/kPa	PCRGB3311
	3000 psi	PCRGB3112	3000 psi/Bar	PCRGB3212	0-3000 psi/Kpa	PCRGB3312
	5000 psi	PCRGB3113	5000 psi/Bar	PCRGB3213	0-5000 psi/kPa	PCRGB3313
	30/0/15 psi only	PCRGB3114	30/0/15 psi/Bar	PCRGB2214	30/0/15 psi/kPa	PCRGB3314
	30/0/30 psi only	PCRGB3115	30/0/30 psi/Bar	PCRGB2215	30/0/30 psi/kPa	PCRGB3315
	30/0/60 psi only	PCRGB3116	30/0/60 psi/Bar	PCRGB2216	30/0/60 psi/kPa	PCRGB3316
	30/0/100 psi only	PCRGB3117	30/0/100 psi/Bar	PCRGB2217	30/0/100 psi/kPa	PCRGB3317
	30/0/160 psi only	PCRGB3118	30/0/160 psi/Bar	PCRGB2218	30/0/160 psi/kPa	PCRGB3318
	30/0/200 psi only	PCRGB3119	30/0/200 psi/Bar	PCRGB2219	30/0/200 psi/kPa	PCRGB3319
	30/0/300 psi only	PCRGB3120	30/0/300 psi/Bar	PCRGB2220	30/0/300 psi/kPa	PCRGB3320

4" Dial Pressure Gauge Lead-Free brass internals, glycerin filled, 1/4" NPT Center Back connection. P = Pressure Gauge CR = Crimped Ring G = Glycerine Filled Lead- Free Brass Internals 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 Note: =>1000 psi, 1/2" NPT connection	PSI Ranges	Code	PSI/Bar Ranges	Code	PSI/kPa Ranges	Code
	Vacuum	PCRGB2500	Vacuum/Bar	PCRGB2600	Vacuum/kPa	PCRGB2700
	15 psi	PCRGB2501	15 psi/Bar	PCRGB2601	0-15 psi/kPa	PCRGB2701
	30 psi	PCRGB2502	30 psi/Bar	PCRGB2602	0-30 psi/kPa	PCRGB2702
	60 psi	PCRGB2503	60 psi/Bar	PCRGB2603	0-60 psi/kPa	PCRGB2703
	100 psi	PCRGB2504	100 psi/Bar	PCRGB2604	0-100 psi/kPa	PCRGB2704
	160 psi	PCRGB2505	160 psi/Bar	PCRGB2605	0-160 psi/kPa	PCRGB2705
	200 psi	PCRGB2506	200 psi/Bar	PCRGB2606	0-200 psi/kPa	PCRGB2706
	300 psi	PCRGB2507	300 psi/Bar	PCRGB2607	0-300 psi/kPa	PCRGB2707
	600 psi	PCRGB2508	600 psi/Bar	PCRGB2608	0-600 psi/kPa	PCRGB2708
	1000 psi	PCRGB2509	1000 psi/Bar	PCRGB2609	0-1000 psi/kPa	PCRGB3709
	1500 psi	PCRGB2510	1500 psi/Bar	PCRGB2610	0-1500 psi/kPa	PCRGB3710
	2000 psi	PCRGB2511	2000 psi/Bar	PCRGB2611	0-2000 psi/kPa	PCRGB3711
	3000 psi	PCRGB2512	3000 psi/Bar	PCRGB2612	0-3000 psi/Kpa	PCRGB3712
	5000 psi	PCRGB2513	5000 psi/Bar	PCRGB2613	0-5000 psi/kPa	PCRGB3713
	30/0/15 psi only	PCRGB2514	30/0/15 psi/Bar	PCRGB2614	30/0/15 psi/kPa	PCRGB3714
	30/0/30 psi only	PCRGB2515	30/0/30 psi/Bar	PCRGB2615	30/0/30 psi/kPa	PCRGB3715
	30/0/60 psi only	PCRGB2516	30/0/60 psi/Bar	PCRGB2616	30/0/60 psi/kPa	PCRGB3716
	30/0/100 psi only	PCRGB2517	30/0/100 psi/Bar	PCRGB2617	30/0/100 psi/kPa	PCRGB3717
	30/0/160 psi only	PCRGB2518	30/0/160 psi/Bar	PCRGB2618	30/0/160 psi/kPa	PCRGB3718
	30/0/200 psi only	PCRGB2519	30/0/200 psi/Bar	PCRGB2619	30/0/200 psi/kPa	PCRGB3719
	30/0/300 psi only	PCRGB2520	30/0/300 psi/Bar	PCRGB2620	30/0/300 psi/kPa	PCRGB3720