

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 Size: 2.5" (63mm), 4" (100mm).
- 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.
- 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 SDWA compliant Brass internals, glycerine filled 1/4" NPT bottom connection PCR = Gauge Series G = Glycerine filled with SWDA compliant 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	PCRG2100	Vacuum/Bar	PCRG2200	Vacuum/kPa	PCRG2300
	15 psi	PCRG2101	15 psi/Bar	PCRG2201	0-15 psi/kPa	PCRG2301
	30 psi	PCRG2102	30 psi/Bar	PCRG2202	0-30 psi/kPa	PCRG2302
	60 psi	PCRG2103	60 psi/Bar	PCRG2203	0-60 psi/kPa	PCRG2303
	100 psi	PCRG2104	100 psi/Bar	PCRG2204	0-100 psi/kPa	PCRG2304
	160 psi	PCRG2105	160 psi/Bar	PCRG2205	0-160 psi/kPa	PCRG2305
	200 psi	PCRG2106	200 psi/Bar	PCRG2206	0-200 psi/kPa	PCRG2306
	300 psi	PCRG2107	300 psi/Bar	PCRG2207	0-300 psi/kPa	PCRG2307
	600 psi	PCRG2108	600 psi/Bar	PCRG2208	0-600 psi/kPa	PCRG2308
	1000 psi	PCRG2109	1000 psi/Bar	PCRG2209	0-1000 psi/kPa	PCRG2309
	1500 psi	PCRG2110	1500 psi/Bar	PCRG2210	0-1500 psi/kPa	PCRG2310
	2000 psi	PCRG2111	2000 psi/Bar	PCRG2211	0-2000 psi/kPa	PCRG2311
	3000 psi	PCRG2112	3000 psi/Bar	PCRG2212	0-3000 psi/kPa	PCRG2312
	5000 psi	PCRG2113	5000 psi/Bar	PCRG2213	0-5000 psi/kPa	PCRG2313

2.5" Dial Pressure Gauge SDWA compliant Brass internals, glycerine filled movement, 1/4" NPT center back connection PCR = Gauge Series G = Glycerine filled with SWDA compliant 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	PCRG2500	Vacuum/Bar	PCRG2600	Vacuum/kPa	PCRG2700
	0-15	PCRG2501	0-15 psi/Bar	PCRG2601	0-15 psi/kPa	PCRG2701
	0-30	PCRG2502	0-30 psi/Bar	PCRG2602	0-30 psi/kPa	PCRG2702
	0-60	PCRG2503	0-60 psi/Bar	PCRG2603	0-60 psi/kPa	PCRG2703
	0-100	PCRG2504	0-100 psi/Bar	PCRG2604	0-100 psi/kPa	PCRG2704
	0-160	PCRG2505	0-160 psi/Bar	PCRG2605	0-160 psi/kPa	PCRG2705
	0-200	PCRG2506	0-200 psi/Bar	PCRG2606	0-200 psi/kPa	PCRG2706
	0-300	PCRG2507	0-300 psi/Bar	PCRG2607	0-300 psi/kPa	PCRG2707
	0-600	PCRG2508	0-600 psi/Bar	PCRG2608	0-600 psi/kPa	PCRG2708
	0-1000	PCRG2509	0-1000 psi/Bar	PCRG2609	0-1000 psi/kPa	PCRG2709
	0-1500	PCRG2510	0-1500 psi/Bar	PCRG2610	0-1500 psi/kPa	PCRG2710
	0-2000	PCRG2511	0-2000 psi/Bar	PCRG2611	0-2000 psi/kPa	PCRG2711
	0-3000	PCRG2512	0-3000 psi/Bar	PCRG2612	0-3000 psi/kPa	PCRG2712
	0-5000	PCRG2513	0-5000 psi/Bar	PCRG2613	0-5000 psi/kPa	PCRG2713

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4" Dial Pressure Gauge SDWA compliant Brass internals, glycerine filled bottom connection PCR = Gauge Series G = Glycerine filled with SWDA compliant 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	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

4" Dial Pressure Gauge SDWA compliant Brass internals, glycerine filled movement, NPT center back connection PCR = Gauge Series G = Glycerine filled with SWDA compliant brass internals B = 4" Dial 2 = 1/4" NPT 3 = 1/2" 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	PCRGB2500	Vacuum/Bar	PCRGB2600	Vacuum/kPa	PCRGB2700
	15 psi	PCRGB2501	0-15 psi/Bar	PCRGB2601	0-15 psi/kPa	PCRGB2701
	30 psi	PCRGB2502	0-30 psi/Bar	PCRGB2602	0-30 psi/kPa	PCRGB2702
	60 psi	PCRGB2503	0-60 psi/Bar	PCRGB2603	0-60 psi/kPa	PCRGB2703
	100 psi	PCRGB2504	0-100 psi/Bar	PCRGB2604	0-100 psi/kPa	PCRGB2704
	160 psi	PCRGB2505	0-160 psi/Bar	PCRGB2605	0-160 psi/kPa	PCRGB2705
	200 psi	PCRGB2506	0-200 psi/Bar	PCRGB2606	0-200 psi/kPa	PCRGB2706
	300 psi	PCRGB2507	0-300 psi/Bar	PCRGB2607	0-300 psi/kPa	PCRGB2707
	600 psi	PCRGB2508	0-600 psi/Bar	PCRGB2608	0-600 psi/kPa	PCRGB2708
	1000 psi	PCRGB3509	0-1000 psi/Bar	PCRGB3609	0-1000 psi/kPa	PCRGB3709
	1500 psi	PCRGB3510	0-1500 psi/Bar	PCRGB3610	0-1500 psi/kPa	PCRGB3710
	2000 psi	PCRGB3511	0-2000 psi/Bar	PCRGB3611	0-2000 psi/kPa	PCRGB3711
	3000 psi	PCRGB3512	0-3000 psi/Bar	PCRGB3612	0-3000 psi/kPa	PCRGB3712
	5000 psi	PCRGB3513	0-5000 psi/Bar	PCRGB3613	0-5000 psi/kPa	PCRGB3713