

# Heavy Duty Digital Pressure Gauges

## Series B — Battery-Powered Gauges

- Battery life up to 2500 hours in 3-1/2 digit ranges; 500 hours in 4 digit ranges
- Low battery indicator: 5-minute auto shutoff to conserve battery life
- Powered by (2) AA batteries (included): easy-to-find
- NEMA 4X Versions Available
- Compound Range Version

## Series L — Loop-Powered Gauges

- 2-wire design powered by 4-20 ma current loop
- Operated on 8 to 32 VDC
- Reverse polarity protected
- TEST button to check loop operation
- 3-ft 2-wire electrical connection
- NEMA 4X Versions Available

## Series D — AC/DC-Powered Gauges

- Powered 8 to 24 VAC, 50/60 Hz or 9 to 32 VDC, 5 mA max.
- 3-1/2 digit ranges have on-off button
- 3-ft 2-wire electrical connection
- NEMA 4X Versions Available

## Series A — AC/DC-Powered Gauges with Alarms

- Powered 8 to 24 VAC, 50/60 Hz or 9 to 32 VDC, 1 W max.
- Visual bi-color alarm LEDs on front panel
- Top-mounted potentiometers for high and low set points
- Use TEST button to cycle alarms
- Two SPDT contacts rated for 1 A at 24 VDC or 0.5 A at 115 VAC, non-inductive
- 3-ft 8-wire electrical connection

## SPECIFICATIONS

Accuracy	±0.25% of full scale ±1 least significant digit typical
Process Connection	1/4" NPT male, 316 stainless steel
Operating temperature	-4 to 185°F (-20 to +85°C)
Display ranges up to 1000	3 1/2 digit, 1/2" H LCD
3000 and 5000 psi ranges	4 digit, 0.4" H LCD
Media Compatibility	Gases or liquids compatible with 316 SS
Dimensions	3.38"W x 3.38"H x 1.65"D
Weight	Gauge: 9 ounces; Shipping weight: 1 pound
NEMA 4X versions	F4B, F4L, F4AD available in all ranges up to 3000 psig
Exceptions:	No NEMA 4X for 3000 and 5000 psig ranges No NEMA 4X for alarm units (no F4ADA)

Catalog No.	Range	Resolution
<b>Series B — Battery Powered Gauges ±0.25% full-scale accuracy</b>		
CE2499	-30" Hg to 100 psig	0.1
CE2500	0 to 30" Hg	0.1" Hg
CE2501	-15 to 15 psi	0.01 psi
CE2505	0 to 15 psi	0.01 psi
CE2507	0 to 15 psi, NEMA4X	0.01 psi
CE2506	0 to 30 psi	0.1 psi
CE2508	0 to 60 psi	0.1 psi
CE2510	0 to 100 psi	0.1 psi
CE2511	0 to 100 psi, NEMA4X	0.1 psi
CE2512	0 to 200 psi	0.1 psi
CE2516	0 to 500 psi	1 psi
CE2517	0 to 500 psi, NEMA4X	1 psi
CE2518	0 to 1000 psi	1 psi
CE2519	0 to 2000 psi	1 psi
CE2520	0 to 3000 psi	1 psi
CE2522	0 to 5000 psi	1 psi
<b>Series L — Loop Powered Gauges ±0.25% full-scale accuracy</b>		
CE2600	0 to 30" Hg	0.1" Hg
CE2601	-15 to 15 psi	0.01 psi
CE2602	-15 to 15 psi, NEMA4X	0.01 psi
CE2604	0 to 15 psi	0.01 psi
CE2606	0 to 30 psi	0.1 psi
CE2607	0 to 60 psi	0.1 psi
CE2610	0 to 100 psi	0.1 psi
CE2611	0 to 100 psi, NEMA4X	0.1 psi
CE2612	0 to 200 psi	0.1 psi
CE2616	0 to 500 psi	1 psi
CE2618	0 to 1000 psi	1 psi
CE2619	0 to 2000 psi	1 psi
CE2620	0 to 3000 psi	1 psi
CE2622	0 to 5000 psi	1 psi



Series B  
Battery-Powered Gauge



Series L  
Loop-Powered Gauge



Series D  
AC/DC Powered Gauge



Series A  
AC/DC Powered Gauge with Alarm

- ±0.25% Test Gauge Accuracy
- 316 Stainless Steel Wetted Parts
- Zero and Span Potentiometers
- Fast 3 Times per Second Display Update

Catalog No.	Range	Resolution
<b>Series D — AC/DC Powered Gauges ±0.25% full-scale accuracy</b>		
CE2700	0 to 30" Hg	0.1" Hg
CE2704	0 to 15 psi	0.01 psi
CE2706	0 to 30 psi	0.1 psi
CE2707	0 to 60 psi	0.1 psi
CE2710	0 to 100 psi	0.1 psi
CE2711	0 to 100 psi, NEMA4X	0.1 psi
CE2712	0 to 200 psi	0.1 psi
CE2716	0 to 500 psi	1 psi
CE2718	0 to 1000 psi	1 psi
CE2719	0 to 2000 psi	1 psi
CE2720	0 to 3000 psi	1 psi
CE2722	0 to 5000 psi	1 psi
<b>Series A — AC/DC Powered Gauges w/Alarms ±0.25% full-scale accuracy</b>		
CE3300	0 to 30" hg	0.1" Hg
CE3304	0 to 15 psi	0.01 psi
CE3306	0 to 30 psi	0.1 psi
CE3307	0 to 60 psi	0.1 psi
CE3310	0 to 100 psi	0.1 psi
CE3311	0 to 100 psi	0.1 psi
CE3312	0 to 200 psi	0.1 psi
CE3316	0 to 500 psi	1 psi
CE3318	0 to 1000 psi	1 psi
CE3319	0 to 2000 psi	1 psi
CE3320	0 to 3000 psi	1 psi
CE3322	0 to 5000 psi	1 psi
<b>Accessories</b>		
CE6655	115 VAC to 12VDC Adapter for AC/DC gauges	
NISTPR5	NIST Traceable Certificate	
NISTPR6	NIST Traceable Certificate with Data	