

3800 Digital Pressure Gauge

The MINIGAUGE from Meriam Instrument provides digital pressure measurement at an economical price. Pressure ranges are available from vacuum to 10,000 PSIG at an accuracy of $\pm 1\%$ of Full Scale. One 9-volt alkaline or lithium battery powers the transducer and the LCD display. The display is a 4.5 digit LCD with 0.4" high numerals. Pressing the "Push To Read" key turns the display on for a fixed viewing time. Automatic shut-off after the viewing period conserves battery power. Field calibration is easy to accomplish by adjusting zero and span potentiometers located under the back cover plate.



The rugged ABS plastic indicator housing is 2.75 inches in diameter. Wetted components are 17-4 PH stainless steel for compatibility with many process liquids and gases. Process connection is via a 1/4" MNPT stainless steel stem. Typical applications are test and measurement in the process industries, hydraulics, pneumatics, industrial gases and on OEM equipment.

- **Accuracy:** $\pm 1\%$ of Full Scale at calibrated temperature. Temperature effect: $\pm 0.1\%$ per $^{\circ}\text{F}$.
- **Display:** 4.5 digit LCD (0.4" character height), Low battery indicator.
- **Power:** One 9 volt alkaline battery included, automatic timeout to conserve battery life.
- **Enclosure:** Custom molded ABS plastic housing.
- **Engineering Units:** Available in either PSIG, Bar or kg/cm^2 . Specify when ordering.
- **Over-Pressure Limits:** Twice the full scale range
- **Weight:** 7 ounces
- **Certifications:** NIST Certificate optional. CE and Intrinsically Safe/CSA pending
- **Field Calibration:**
Zero and span adjustment potentiometers are accessible from the backside of the case.
- **Media Compatibility:** Isolated sensor for liquids or gases compatible with 17-4 PH stainless steel.
- **Process Connection:** 1/4" male NPT
- **Temperature:**
Storage: -4°F to 140°F (-20°C to 60°C)
Operating: 32°F to 122°F (0°C to 50°C)

3800 MINIGAUGE Models & Ranges

Model:

Model:	Pressure Ranges & Resolution
3800-GI0050PSI	50.00 PSIG
3800-GI0100PSI	100.00 PSIG
3800-GI0500PSI	500.0 PSIG
3800-GI1000PSI	1000.0 PSIG
3800-GI1500PSI	1500.0 PSIG
3800-GI3000PSI	3000 PSIG
3800-GI6000PSI	6000 PSIG
3800-GI10000PSI	10000 PSIG
3800-GI00003BAR	3.500 Bars
3800-GI00007BAR	7.000 Bars
3800-GI00035BAR	35.00 Bars
3800-GI00070BAR	70.00 Bars
3800-GI00105BAR	105.00 Bars
3800-GI00210BAR	210.0 Bars
3800-GI00410BAR	410.0 Bars
3800-GI00720BAR	720.0 Bars
3800-GI00003KG	3.500 kg/cm^2
3800-GI00007KG	7.000 kg/cm^2
3800-GI00035KG	35.00 kg/cm^2
3800-GI00070KG	70.00 kg/cm^2
3800-GI00105KG	105.00 kg/cm^2
3800-GI00210KG	210.0 kg/cm^2
3800-GI00420KG	420.0 kg/cm^2
3800-GI00730KG	730.0 kg/cm^2

Dimensions

