

# PSI-TRONIX MODEL PG-10000

# DIGITAL PRESSURE GAUGE

## SPECIFICATIONS

### PERFORMANCE

Standard Pressure Ranges: ----- 0-20 TO 0-10,000 PSIG or PSIA  
 Overpressure: ----- 2x full scale without damage  
 Burst Pressure:----- 10x full scale minimum  
 Pressure Cavity Volume: ----- 0.09 cubic inches typical  
 Accuracy (linearity, hysteresis & repeatability): -----  $\pm 0.25\%$  of full scale ( $\pm 0.1\%$  opt)  
 Compensated  
 Temperature Range: ----- 30 deg F to 130 deg F  
 Thermal Sensitivity Shift: -----  $\pm 0.02\%$  F.S./ deg F  
 Thermal Zero Shift: -----  $\pm 0.02\%$  F.S./ deg F  
 Resolution (Transducer): ----- Infinite  
 (Display): ----- 1 part in 10,000  
 Life: ----- 10 million cycles min

### ELECTRICAL

Batteries: ----- 1 ea. 3.6v Lithium (std) 8,000 Hrs  
 2 ea. 3.6v Lithium (opt)16,000 Hrs  
 "C" Size user replaceable: ----- 2 ea. 1.5 v Alkaline (opt)3,000 Hrs  
 Display: ----- 4 digit LCD, 0.75" Digits and  
 40 segment bar graph  
 On/Off Control: ----- By Light Actuated Switch Circuit  
 Hold: Peak Hi/Peak Lo: ----- Keypad Enable/Disable  
 Auto "Tare": ----- Keypad Operated Auto Zero

### ENVIRONMENTAL

Storage Temperature: ----- -40 deg F to +160 deg F  
 Operating Range: ----- 0 deg F to +160 deg F  
 Compensated Range: ----- 30 deg F to +130 deg F

### PHYSICAL

Construction Materials  
 Case: ----- Splash Proof Injection Molded Phenolic  
 NEMA 4 Sealing Optional  
 Wetted Materials: ----- 15-5 or 17-4 P.H. Stainless Steel  
 316 S.S. available at no extra charge

### OPTIONS

- Metric units available at standard price
- Rear-facing pressure connection
- Dual Alarm Set Points, Open Drain
- FET Transistor, Keypad programmable
- Analog Output, 0-2 Volt
- 4-20 mA 2-wire Circuit (Loop Powered)
- 0-5 Volt Analog Output

### ORDERING INFORMATION

PG-10000	--	10000	--	G	--	X	--	X	--	X
MODEL	Pressure Range (psi)	G=Gage Pressure A=Absolute Pressure				0=No Alarms 1=Dual Alarms		0=No Outputs 1=0-2 V Analog Output 3=4-20 mA 2 Wire Circuit 4=0-5 V Analog Output		0=Bottom Port 1=Rear Port

### SUPPLIER:

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