

Performance	ENGLISH	SI	
Sensitivity (±15 %)	0.145 pC/psi	0.021 pC/kPa	
Measurement Range	30 kpsi	206843 kPa	
Maximum Pressure (static)	70 kpsi	482700 kPa	
Resolution	10 mpsi	.069 kPa	[2]
Resonant Frequency	≥175 kHz	≥175 kHz	
Rise Time (Reflected)	≤3.0 μ sec	≤3.0 μ sec	
Non-Linearity	≤2 % FS	≤2 % FS	[3]
Environmental			
Acceleration Sensitivity	≤0.15 psi/g	≤0.105 kPa/(m/s ²)	
Temperature Range (Operating)	-50 to +325 °F	-46 to +163 °C	
Temperature Coefficient of Sensitivity	≤0.06 %/°F	≤0.108 %/°C	
Maximum Flash Temperature	3000 °F	1649 °C	
Maximum Shock	20000 g pk	196140 m/s ² pk	
Electrical			
Output Polarity (Positive Pressure)	Negative	Negative	
Capacitance	4-8 pF	4-8 pF	[1]
Insulation Resistance (at room temp)	≥10 ¹² Ohm	≥10 ¹² Ohm	
Physical			
Sensing Element	Quartz	Quartz	
Housing Material	C-300	C-300	
Sealing	Epoxy	Epoxy	
Electrical Connector	10-32 Coaxial Jack	10-32 Coaxial Jack	
Weight	0.50 oz	14.2 gm	

Optional Versions (Optional versions have identical specifications and accessories as listed for standard model except where noted below. More than one option maybe used.)

- M** - Metric Mount
- P** - Positive Output Polarity
- W** - Water Resistant Cable

Notes

- [1] Typical.
- [2] Resolution dependent on range setting and cable length used in charge system.
- [3] Zero-based, least-squares, straight line method.

Supplied Accessories

- 065A06 Seal ring 0.318" OD x 0.250" ID x 0.010" thk 316L SS material (3)
- 065A19 Spacer set, 0.250" ID (1)

All specifications are at room temperature unless otherwise specified.

In the interest of constant product improvement, we reserve the right to change specifications without notice.

ICP® is a registered trademark of PCB group, Inc.

Entered: DMW	Engineer: NJL	Sales: RWM	Approved: BAM	Spec Number:
Date: 08/22/2011	Date: 08/22/2011	Date: 08/22/2011	Date: 08/22/2011	43831



3425 Walden Avenue
Depew, NY 14043
UNITED STATES
Phone: 800-828-8840
Fax: 716-684-0987
E-mail: info@pcb.com
Web site: www.pcb.com