

Performance	ENGLISH	SI	
Sensitivity(± 15 %)	18 pC/lb	4,047 pC/kN	
Measurement Range(Compression)	10,000 lb	44.48 kN	
Maximum Static Force(Compression)	15,000 lb	66.72 kN	
Upper Frequency Limit	60,000 Hz	60,000 Hz	[1][2]
Non-Linearity	≤ 1 % FS	≤ 1 % FS	[3]
Environmental			
Temperature Range	-100 to +400 °F	-73 to +204 °C	
Temperature Coefficient of Sensitivity	≤ 0.01 %/°F	≤ 0.018 %/°C	
Electrical			
Capacitance	19 pF	19 pF	[4]
Insulation Resistance	≥ 1E12	≥ 1E12	
Output Polarity(Compression)	Negative	Negative	
Physical			
Preload	2,000 lb	8.896 kN	
Stiffness	16 lb/μin	2.8 kN/μm	[4]
Size (Diameter x Height x Bolt Diameter x	0.870 in x 0.390 in x 3/8 in x	22.1 mm x 9.91 mm x 10 mm x	
Sensing Surface)	0.665 in	16.89 mm	
Size - ID(Hole Diameter)	0.413 in	10.49 mm	
Size - OD(Sensor)	0.870 in	22.1 mm	
Weight	0.67 oz	19 gm	
Housing Material	Stainless Steel	Stainless Steel	
Sealing	Hermetic	Hermetic	
Electrical Connector	10-32 Coaxial Jack	10-32 Coaxial Jack	
Electrical Connection Position	Side	Side	

OPTIONAL VERSIONS		
Optional versions have identical specifications and accessories as listed for the standard model except where noted below. More than one option may be used.		
M - Metric Mount Supplied Accessory: Model 080A82 Assembly Lubricant Supplied Accessory: Model 082B02 Anti-Friction Washer Supplied Accessory: Model M081A12 Mounting Stud, M8 x 1.00, BeCu Supplied Accessory: Model M083B02 Pilot Bushing		
P - Positive Output Polarity Output Polarity(Compression)	Positive	Positive
W - Water Resistant Cable Electrical Connector Electrical Connection Position	Molded Integral Cable Side	Molded Integral Cable Side

NOTES:
 [1] Estimated using rigid body dynamics calculations.
 [2] Low frequency response and system noise dependent on choice of external signal conditioning electronics.
 [3] Zero-based, least-squares, straight line method.
 [4] Typical.

SUPPLIED ACCESSORIES:
 Model 080A82 Assembly Lubricant
 Model 081A12 Mounting Stud, 5/16-24 x 0.910, BeCu
 Model 082B02 Anti-Friction Washer
 Model 083B02 Pilot bushing (for Models 202B and 212B)

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Phone: 716-684-0001
Fax: 716-684-0987
E-Mail: info@pcb.com

3425 Walden Avenue, Depew, NY 14043

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.
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