

	ENGLISH	SI	
<b>Performance</b>			
Sensitivity(± 15 %)	18 pC/lb	4047 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 kHz	60 kHz	[2][3]
Non-Linearity	≤ 1 % FS	≤ 1 % FS	[4]
<b>Environmental</b>			
Temperature Range	-100 to +400 °F	-73 to +204 °C	
Temperature Coefficient of Sensitivity	≤ 0.01 %/°F	≤ 0.018 %/°C	
<b>Electrical</b>			
Capacitance	19 pF	19 pF	[1]
Insulation Resistance	≥ 1E12	≥ 1E12	
<b>Physical</b>			
Preload	2000 lb	8.896 kN	
Stiffness	16 lb/μin	2.8 kN/μm	[1]
Size (Diameter x Height x Bolt Diameter x Sensing Surface)	0.870 in x 0.390 in x 3/8 in x 0.665 in	22.1 mm x 9.91 mm x 10 mm x 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.		
<b>M - Metric Mount</b>		
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		
<b>P - Positive Output Polarity</b>		
Output Polarity(Compression)	Positive	Positive
<b>W - Water Resistant Cable</b>		
Electrical Connector	Molded Integral Cable	Molded Integral Cable
Electrical Connection Position	Side	Side

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

**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)

*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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Entered: LK	Engineer: AJA	Sales: RWM	Approved: AJA	Spec Number:
Date: 1/17/2019	Date: 1/17/2019	Date: 1/17/2019	Date: 1/17/2019	<b>1121</b>

 3425 Walden Avenue, Depew, NY 14043	<b>Phone: 716-684-0001</b> <b>Fax: 716-684-0987</b> <b>E-Mail: info@pcb.com</b>
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