

<b>Performance</b>	<b>ENGLISH</b>	<b>SI</b>	
Sensitivity(± 15 %)	18 pC/lb	4047 pC/kN	
Measurement Range(Compression)	50,000 lb	222.4 kN	
Maximum Static Force(Compression)	75,000 lb	333.6 kN	
Upper Frequency Limit	30 Hz	30 Hz	[2][3]
Non-Linearity	≤ 2 % FS	≤ 2 % FS	[4]
<b>Environmental</b>			
Temperature Range	-300 to +400 °F	-184 to +204 °C	
Temperature Coefficient of Sensitivity	≤ 0.03 %/°F	≤ 0.054 %/°C	
<b>Electrical</b>			
Capacitance	125 pF	125 pF	[1]
Insulation Resistance	≥ 1E12 Ohm	≥ 1E12 Ohm	
Output Polarity	Negative	Negative	
<b>Physical</b>			
Stiffness	97 lb/μin	17 kN/μm	[1]
Size (Diameter x Height)	2.125 in x 0.75 in	53.9 mm x 19 mm	
Weight	9.9 oz	280 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	
Mounting Thread	1/4-28 Female	1/4-28 Female	
<i>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.</i>			
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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 080A81 Thread Locker		
Supplied Accessory : Model 081B20 Mounting Stud, with shoulder (1/4-28 to 1/4-28)		
Supplied Accessory : Model 084A36 Impact cap, convex (for Model 200C50)		
Supplied Accessory : Model M081B21 Mounting stud, 1/4-28 to M6 x 0.75", BeCu, no shoulder		
P - Positive Output Polarity		
Output Polarity(Compression)	Positive	Positive
W - Water Resistant Cable		
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 080A81 Thread Locker  
 Model 081A06 Mounting stud, 1/4-28 to 1/4-28 x .37 in. long, BeCu, no shoulder  
 Model 081B20 Mounting Stud, with shoulder (1/4-28 to 1/4-28)  
 Model 084A36 Impact cap, convex (for Model 200C50)

Entered: LK	Engineer: MJK	Sales: MFG	Approved: APB	Spec Number:
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