

Performance	ENGLISH	SI	
Sensitivity(± 15 %)	18 pC/lb	4047 pC/kN	
Measurement Range(Compression)	≤ 12,000 lb	≤ 53.38 kN	
Measurement Range(Tension)	≤ 4000 lb	≤ 17.79 kN	
Maximum Static Force(Compression)	10,000 lb	44.48 kN	
Maximum Static Force(Tension)	4500 lb	20.02 kN	
Upper Frequency Limit	10 kHz	10 kHz	[2][3]
Non-Linearity	≤ 1 % FS	≤ 1 % FS	[4]
Environmental			
Temperature Range	-100 to +400 °F	-73 to +204 °C	
Temperature Coefficient of Sensitivity	≤ 0.03 %/°F	≤ 0.054 %/°C	
Electrical			
Capacitance	≥ 28 pF	≥ 28 pF	
Insulation Resistance	≥ 10 ¹² ohm	≥ 10 ¹² ohm	[1]
Output Polarity(Compression)	Negative	Negative	
Physical			
Stiffness	4 lb/μin	0.7 kN/μm	[1]
Size (Diameter x Height)	1.10 in x 2.00 in	27.94 mm x 50.8 mm	
Weight	4.2 oz	120 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	1/2 - 20 Female	No Metric Equivalent	

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.		
J - Ground Isolated		
M - Metric Mount	No English Equivalent	M12 x 1.25 Female
Mounting Thread		
P - Positive Output Polarity		
Output Polarity(Compression)	Positive	Positive
W - Water Resistant 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.

*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: PLS	Engineer: BAR	Sales: KWW	Approved: EB	Spec Number:
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