

Performance	ENGLISH	SI	
Sensitivity (±15 %) (z axis)	15 pC/lb	3.37 pC/N	[2]
Sensitivity (±15 %) (x or y axis)	32 pC/lb	7.19 pC/N	[2]
Measurement Range (z axis)	1000 lb	4.45 kN	
Measurement Range (x or y axis)	500 lb	2.22 kN	
Maximum Force (z axis)	1320 lb	5.87 kN	
Maximum Force (x or y axis)	660 lb	2.94 kN	
Maximum Moment (z axis)	14 ft-lb	18.98 Nm	
Maximum Moment (x or y axis)	13 ft-lb	17.63 Nm	
Upper Frequency Limit	10 kHz	10 kHz	
Non-Linearity	≤1 % FS	≤1 % FS	[3]
Cross Talk (between x and y axis)	±3 %	±3 %	
Cross Talk (between (x or y axis) and z axis)	±5 %	±5 %	
Environmental			
Temperature Range	-100 to +350 °F	-73 to +177 °C	
Electrical			
Capacitance (all channels)	18 pF	18 pF	[1]
Insulation Resistance (all channels)	≥10 ¹² Ohm	≥10 ¹² Ohm	
Output Polarity (in direction of markings)	Negative	Negative	
Physical			
Stiffness (z axis)	10 lb/µin	1.75 kN/µm	[1]
Stiffness (x or y axis)	4 lb/µin	0.7 kN/µm	[1]
Weight	13.60 oz	386 gm	
Housing Material	Stainless Steel	Stainless Steel	
Sealing	Hermetic	Hermetic	
Electrical Connector (Quantity, 3)	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 standard model except where noted below. More than one option maybe used.)

M - Metric Mount
Supplied Accessory: Model M081A70 Mounting Stud

W - Water Resistant Cable

Electrical Connection Position	Side	Side
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Notes

[1] Typical.
[2] Sensitivites are for listed preload. Sensitivites may vary ±5% depending on preload used.
[3] 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: DMW	Engineer: MJK	Sales: KWW	Approved: ECB	Spec Number:
Date: 08/17/2010	Date: 08/17/2010	Date: 08/17/2010	Date: 08/17/2010	29234



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