

	ENGLISH	SI	
Performance			
Sensitivity(± 15 %)(Z Axis)	15 pC/lb	3.37 pC/N	
Sensitivity(± 15 %)(X or Y Axis)	32 pC/lb	7.19 pC/N	
Measurement Range(Z Axis)	10,000 lb	44.48 kN	
Measurement Range(X or Y Axis)	4,000 lb	17.79 kN	
Maximum Force(Z Axis)	11,000 lb	48.93 kN	
Maximum Force(X or Y Axis)	4,400 lb	19.57 kN	
Maximum Moment(Z Axis)	240 ft-lb	325.4 Nm	
Maximum Moment(X or Y Axis)	325 ft-lb	440.6 Nm	
Non-Linearity	≤ 1 % FS	≤ 1 % FS	[1]
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)	70 pF	70 pF	[2]
Insulation Resistance(all channels)	≥ 10 ¹² Ohm	≥ 10 ¹² Ohm	
Output Polarity(in direction of markings)	Negative	Negative	
Electrical Isolation	≥ 10 ⁸ Ohm	≥ 10 ⁸ Ohm	
Physical			
Stiffness(X or Y Axis)	5.5 lb/μin	960 N/μm	[2]
Stiffness(Z Axis)	15.0 lb/μin	2,630 N/μm	[2]
Stiffness(RX or RY)	1.7 E7 lbf*in/radian	1.9 E6 N*m/radian	[2][3]
Stiffness(RZ)	7.1 E6 lbf*in/radian	8.0 E5 N*m/radian	[2][3]
Coupled Stiffness(X-RY or Y-RX)	7.9 lbf*in/μin	35 N*m/μm	[2][3]
Weight	108.65 oz	3,080 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 the standard model except where noted below. More than one option may be used.

M - Metric Mount

W - Water Resistant Cable

NOTES:

[1]Zero-based, least-squares, straight line method.

[2]Typical.

[3]See PCB White Paper WPL_88_1121 for details.

[4]See PCB Declaration of Conformance PS158 for details.



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.

Entered: ND	Engineer: EB	Sales: BS	Approved: RPF	Spec Number:
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PCB PIEZOTRONICS
 AN AMPHENOL COMPANY
 Phone: 716-684-0001
 Fax: 716-684-0987
 E-Mail: info@pcb.com

3425 Walden Avenue, Depew, NY 14043