


Model Number 260A11		Revision: P ECN #: 50553		
<b>Performance</b>		<b>ENGLISH</b>	<b>SI</b>	
Sensitivity(± 15 %)(Z Axis)	15 pC/lb	3.37 pC/N	[1]	
Sensitivity(± 15 %)(X or Y Axis)	32 pC/lb	7.19 pC/N	[1]	
Measurement Range(Z Axis)	1,000 lb	4.45 kN		
Measurement Range(X or Y Axis)	500 lb	2.22 kN		
Maximum Force(z axis)	1,320 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	90 kHz	90 kHz		
Non-Linearity	≤ 1 % FS	≤ 1 % FS	[2]	
Cross Talk(between x and y axis)	± 3 %	± 3 %		
Cross Talk(between (x or y axis) and z axis)	± 5 %	± 5 %		
<b>Environmental</b>				
Temperature Range	-100 to +350 °F	-73 to +177 °C		
<b>Electrical</b>				
Capacitance(all channels)	18 pF	18 pF	[3]	
Insulation Resistance(all channels)	≥ 10 <sup>12</sup> Ohm	≥ 10 <sup>12</sup> Ohm		
Output Polarity(in direction of markings)	Negative	Negative		
<b>Physical</b>				
Preload	≤ 5,000 lb	≤ 22.25 kN	[4]	
Stiffness(z axis)	10 lb/μin	1.75 kN/μm	[3]	
Stiffness(x or y axis)	4 lb/μin	0.7 kN/μm	[3]	
Size (Height x Length x Width x Bolt Diameter x ID x Sensing Surface)	0.390 in x 0.950 in x 0.950 in x .313 in x 0.319 in x 0.680 in	9.90 mm x 24.1 mm x 24.1 mm x 8 mm x 8.10 mm x 17.27 mm		
Weight	0.868 oz	24.59 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		
<b>OPTIONAL VERSIONS</b>				
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>W</b> - Water Resistant Cable				
Electrical Connection Position	Side	Side	Side	
<b>NOTES:</b>				
[1]Sensitivities are for listed preload. Sensitivities may vary ±5% depending on preload used.				
[2]Zero-based, least-squares, straight line method.				
[3]Typical.				
[4]Preload should be at least 10 times the X and Y operating range used.				
<b>SUPPLIED ACCESSORIES:</b>				
Model 081A70 Mounting Stud (1)				
Model 082B02 Anti-Friction Washer (1)				
Model 083A10 Pilot Bushing (1)				
Model M081A70 Mounting Stud (1)				
Entered: LK	Engineer: RPF	Sales: KK	Approved: RPF	Spec Number:
Date: 04/17/2020	Date: 04/17/2020	Date: 04/17/2020	Date: 04/17/2020	6232
 <b>Phone: 716-684-0001</b> <b>Fax: 716-684-0987</b> <b>E-Mail: info@pcb.com</b>				
3425 Walden Avenue, Depew, NY 14043				
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. ICP® is a registered trademark of PCB Piezotronics, Inc.				