


Model Number 260A 12		Revision: C ECN #: 50553	
Performance		ENGLISH	SI
Sensitivity(± 15 %)(X or Y Axis)	32 pC/lb	7.19 pC/N	[1]
Sensitivity(± 15 %)(Z Axis)	15 pC/lb	3.37 pC/N	[1]
Measurement Range(Z Axis)	1,000 lb	4.45 kN	
Measurement Range(X or Y Axis)	1,000 lb	4.45 kN	
Maximum Force(z axis)	1,320 lb	5.87 kN	
Maximum Force(x or y axis)	1,000 lb	4.45 kN	
Maximum Moment(z axis)	40 ft-lb	54.23 Nm	
Maximum Moment(x or y axis)	70 ft-lb	94.91 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 %	
Environmental			
Temperature Range	-100 to +350 °F	-73 to +177 °C	
Electrical			
Capacitance(all channels)	30 pF	30 pF	[3]
Insulation Resistance(all channels)	≥ 10 ¹² Ohm	≥ 10 ¹² Ohm	
Output Polarity(in direction of markings)	Negative	Negative	
Physical			
Preload	≤ 10,000 lb	≤ 44.48 kN	[4]
Stiffness(z axis)	19 lb/μin	3.3 kN/μm	[3]
Stiffness(x or y axis)	6 lb/μin	1 kN/μm	[3]
Size (Height x Length x Width x Bolt Diameter x ID x Sensing Surface)	0.390 in x 1.25 in x 1.25 in x 0.500 in x 0.512 in x 0.920 in	9.90 mm x 31.8 mm x 31.8 mm x 13 mm x 13 mm x 23.37 mm	
Weight	1.5 oz	42.5 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.			
W - Water Resistant Cable			
Electrical Connection Position	Side		Side
NOTES:			
[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.			
SUPPLIED ACCESSORIES:			
Model 081A74 Pre-load bolt (for Models 260A02, 260A12, and 260A32) (1)			
Model 082M12 Anti-friction washer (for Models 260A02, 260A12, and 260A32) (1)			
Model 083A13 Pilot bushing (for Models 260A02, 260A12, and 260A32) (1)			
Model M081A74 Mounting Stud (1)			
Entered: LK	Engineer: RPF	Sales: KK	Approved: RPF
Date: 04/17/2020	Date: 04/17/2020	Date: 04/17/2020	Date: 04/17/2020
Spec Number: 14903			
 Phone: 716-684-0001 Fax: 716-684-0987 E-Mail: info@pcb.com			
3425 Walden Avenue, Depew, NY 14043			
<p>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.</p>			