


Model Number <b>260A 13</b>		Revision: R ECN #: 50553		
<b>Performance</b> Sensitivity(± 15 %)(Z Axis) 15 pC/lb Sensitivity(± 15 %)(X or Y Axis) 32 pC/lb Measurement Range(Z Axis) 10,000 lb Measurement Range(X or Y Axis) 4,000 lb Maximum Force(z axis) 11,000 lb Maximum Force(x or y axis) 4,400 lb Maximum Moment(z axis) 240 ft-lb Maximum Moment(x or y axis) 325 ft-lb Upper Frequency Limit 39,000 Hz Non-Linearity ≤ 1 % FS Cross Talk(between x and y axis) ± 3 % Cross Talk(between (x or y axis) and z axis) ± 5 %		<b>ENGLISH</b> 15 pC/lb 32 pC/lb 10,000 lb 4,000 lb 11,000 lb 4,400 lb 240 ft-lb 325 ft-lb 39,000 Hz ≤ 1 % FS ± 3 % ± 5 %		
<b>Environmental</b> Temperature Range -100 to +350 °F		<b>SI</b> 3.37 pC/N [1] 7.19 pC/N [1] 44.48 kN 17.7 kN 48.93 kN 19.57 kN 325.4 Nm 440.7 Nm 39,000 Hz ≤ 1 % FS [2] ± 3 % ± 5 %		
<b>Electrical</b> Capacitance(all channels) 70 pF Insulation Resistance(all channels) ≥ 10 <sup>12</sup> Ohm Output Polarity(in direction of markings) Negative		70 pF [3] ≥ 10 <sup>12</sup> Ohm Negative		
<b>Physical</b> Preload ≤ 40,000 lb Stiffness(z axis) 38.8 lb/μin Stiffness(x or y axis) 11.4 lb/μin Size (Height x Length x Width x Bolt Diameter x ID x Sensing Surface) 0.790 in x 2.25 in x 2.25 in x 1 in x 1.023 in x 1.800 in		≤ 178 kN [4] 6.8 kN/μm [3] 2.0 kN/μm [3] 20.07 mm x 57.1 mm x 57.1 mm x 25 mm x 25.98 mm x 45.72 mm		
Weight 9.88 oz Housing Material Stainless Steel Sealing Hermetic Electrical Connector(Quantity, 3) 10-32 Coaxial Jack Electrical Connection Position Side		280 gm Stainless Steel Hermetic 10-32 Coaxial Jack 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				
<b>NOTES:</b> [1]Sensitivites are for listed preload. Sensitivites 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 081A71 Mounting Stud (1) Model 082B06 Anti-Friction Washer (1) Model 083A11 Pilot Bushing (1) Model M081A71 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	6231
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