
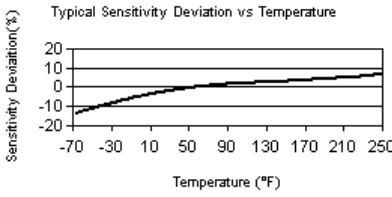


Model Number 355B03	ACCELEROMETER, ICP®		Revision G ECN #: 29040									
Performance Sensitivity (±10 %) Measurement Range Frequency Range (±5 %) Frequency Range (±10 %) Frequency Range (±3 dB) Resonant Frequency Broadband Resolution (1 to 10000 Hz) Non-Linearity Transverse Sensitivity	ENGLISH 100 mV/g ±50 g pk 1 to 10000 Hz 0.6 to 12000 Hz 0.3 to 17000 Hz ≥35 kHz 0.0001 g rms ≤1 % ≤5 %	SI 10.19 mV/(m/s ²) ±490 m/s ² pk 1 to 10000 Hz 0.6 to 12000 Hz 0.3 to 17000 Hz ≥35 kHz 0.0009 m/s ² rms ≤1 % ≤5 %	Optional Versions (Optional versions have identical specifications and accessories as listed for standard model except where noted below. More than one option maybe used.) A - Adhesive Mount Supplied Accessory: Model 080A90 Quick bond Gel (for use with accelerometer adhesive mtg bases to fill gaps on rough surfaces) M - Metric Mount Supplied Accessory: Model M039A22 Allen wrench for use with M3 thread replaces Model 039A22 Supplied Accessory: Model M081B45 Insulated cap screw, M3x0.5 thd x 5/8" long (for Model M355B02) replaces Model 081B45 W - Water Resistant Cable <table border="0"> <tr> <td>Electrical Connector</td> <td>Sealed Integral Cable</td> <td>Sealed Integral Cable</td> </tr> <tr> <td></td> <td>Side</td> <td>Side</td> </tr> </table> Electrical Connection Position	Electrical Connector	Sealed Integral Cable	Sealed Integral Cable		Side	Side			
Electrical Connector	Sealed Integral Cable	Sealed Integral Cable										
	Side	Side										
Environmental Overload Limit Temperature Range Temperature Response Base Strain Sensitivity	±5000 g pk -65 to +250 °F See Graph 0.05 g/µε	±49000 m/s ² pk -54 to +121 °C See Graph 0.49 (m/s ²)/µε	[1] [2] [3]									
Electrical Excitation Voltage Constant Current Excitation Output Impedance Output Bias Voltage Discharge Time Constant Spectral Noise (10 Hz) Spectral Noise (100 Hz) Spectral Noise (1 kHz) Electrical Isolation (Base)	18 to 30 VDC 2 to 20 mA ≤200 ohm 7 to 13 VDC 0.5 to 2 sec 6 µg/√Hz 2 µg/√Hz 1 µg/√Hz >10 ⁸ ohm	18 to 30 VDC 2 to 20 mA ≤200 ohm 7 to 13 VDC 0.5 to 2 sec 59 (µm/sec ²)/√Hz 19 (µm/sec ²)/√Hz 10 (µm/sec ²)/√Hz >10 ⁸ ohm	[1] [2] [3] [4]									
Physical Sensing Element Sensing Geometry Housing Material Sealing Size (Length x Width) Weight Electrical Connector Electrical Connection Position Mounting	Ceramic Shear Titanium Hermetic 0.95 in x 0.63 in 0.35 oz 10-32 Coaxial Jack Side Through Hole	Ceramic Shear Titanium Hermetic 24.1 mm x 16.0 mm 10 gm 10-32 Coaxial Jack Side Through Hole	[1]									
 [4] <p><i>All specifications are at room temperature unless otherwise specified.</i> In the interest of constant product improvement, we reserve the right to change specifications without notice. ICP® is a registered trademark of PCB group, Inc.</p>	<p>Typical Sensitivity Deviation vs Temperature</p> 	<table border="1"> <tr> <td>Entered: BLS</td> <td>Engineer: JF</td> <td>Sales: WDC</td> <td>Approved: BAM</td> <td>Spec Number:</td> </tr> <tr> <td>Date: 07/08/2008</td> <td>Date: 07/01/2008</td> <td>Date: 07/01/2008</td> <td>Date: 07/02/2008</td> <td>10299</td> </tr> </table> <p>PCB PIEZOTRONICS™ VIBRATION DIVISION</p> <p>3425 Walden Avenue Depew, NY 14043 UNITED STATES Phone: 888-684-0013 Fax: 716-685-3886 E-mail: vibration@pcb.com Web site: www.pcb.com</p>	Entered: BLS	Engineer: JF	Sales: WDC	Approved: BAM	Spec Number:	Date: 07/08/2008	Date: 07/01/2008	Date: 07/01/2008	Date: 07/02/2008	10299
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