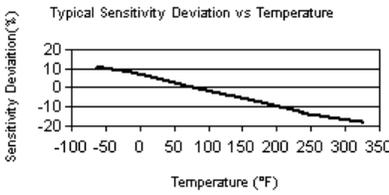


Model Number 356A01	<b>ACCELEROMETER, ICP<sup>®</sup>, TRIAXIAL</b>		Revision F ECN #: 35759																														
<b>Performance</b> Sensitivity (±20 %) Measurement Range Frequency Range (±5 %) (y or z axis) Frequency Range (±5 %) (x axis) Frequency Range (+1 dB) (x axis) Resonant Frequency Broadband Resolution (1 to 10000 Hz) Non-Linearity Transverse Sensitivity	<b>ENGLISH</b> 5 mV/g ±1000 g pk 2 to 8000 Hz 2 to 5000 Hz ≥8 kHz ≥50 kHz 0.003 g rms ≤1 % ≤5 %	<b>SI</b> 0.51 mV/(m/s <sup>2</sup> ) ±9810 m/s <sup>2</sup> pk 2 to 8000 Hz 2 to 5000 Hz ≥8 kHz ≥50 kHz 0.03 m/s <sup>2</sup> rms ≤1 % ≤5 %	<b>Optional Versions</b> (Optional versions have identical specifications and accessories as listed for standard model except where noted below. More than one option maybe used.) <b>HT</b> - High temperature, extends normal operation temperatures Temperature Range (Operating) -65 to +325 °F -54 to +163 °C <b>W</b> - Water Resistant Cable Electrical Connector Sealed Integral Cable Sealed Integral Cable																														
<b>Environmental</b> Overload Limit (Shock) Temperature Range (Operating)	±10000 g pk -65 to +250 °F	±98100 m/s <sup>2</sup> pk -54 to +121 °C	<b>Notes</b> [1] Typical. [2] 250° F to 325° F data valid with HT option only. [3] Zero-based, least-squares, straight line method. [4] See PCB Declaration of Conformance PS023 for details.																														
<b>Electrical</b> Excitation Voltage Constant Current Excitation Output Impedance Output Bias Voltage Discharge Time Constant Settling Time (within 10% of bias) Spectral Noise (1 Hz) Spectral Noise (10 Hz) Spectral Noise (100 Hz) Spectral Noise (1 kHz)	18 to 30 VDC 2 to 20 mA ≤200 Ohm 7 to 11 VDC 0.24 to 1.0 sec <3 sec 1200 µg/√Hz 300 µg/√Hz 100 µg/√Hz 30 µg/√Hz	18 to 30 VDC 2 to 20 mA ≤200 Ohm 7 to 11 VDC 0.24 to 1.0 sec <3 sec 11772 (µm/sec <sup>2</sup> /√Hz) 2943 (µm/sec <sup>2</sup> /√Hz) 981 (µm/sec <sup>2</sup> /√Hz) 294 (µm/sec <sup>2</sup> /√Hz)	<b>Supplied Accessories</b> 034G05 4-cond. shielded cable, 5 ft (1.5M), 4-pin plug to (3) BNC plugs (1) 080A109 Petro Wax (1) 080A90 Quick Bonding Gel (1) ACS-1T NIST traceable triaxial amplitude response, 10 Hz to upper 5% frequency. (1)																														
<b>Physical</b> Sensing Element Sensing Geometry Housing Material Sealing Size (Height x Length x Width) Weight (without cable) Electrical Connector Electrical Connection Position Cable Length Cable Type Mounting	Ceramic Shear Titanium Hermetic 0.25 in x 0.25 in x 0.25 in 0.04 oz Integral Cable Side 5 ft 034 4-cond Shielded Adhesive	Ceramic Shear Titanium Hermetic 6.35 mm x 6.35 mm x 6.35 mm 1.0 gm Integral Cable Side 1.5 m 034 4-cond Shielded Adhesive	[1] [1] [1] [1] [1]																														
CE [4]	 <p>Typical Sensitivity Deviation vs Temperature</p> <table border="1"> <caption>Data points for Typical Sensitivity Deviation vs Temperature</caption> <thead> <tr> <th>Temperature (°F)</th> <th>Sensitivity Deviation (%)</th> </tr> </thead> <tbody> <tr><td>-50</td><td>10</td></tr> <tr><td>0</td><td>0</td></tr> <tr><td>50</td><td>-10</td></tr> <tr><td>100</td><td>-20</td></tr> <tr><td>150</td><td>-30</td></tr> <tr><td>200</td><td>-40</td></tr> <tr><td>250</td><td>-50</td></tr> <tr><td>300</td><td>-60</td></tr> <tr><td>350</td><td>-70</td></tr> </tbody> </table>		Temperature (°F)	Sensitivity Deviation (%)	-50	10	0	0	50	-10	100	-20	150	-30	200	-40	250	-50	300	-60	350	-70	<table border="1"> <tr> <td>Entered: LLH</td> <td>Engineer: SDS</td> <td>Sales: WDC</td> <td>Approved: JJB</td> <td>Spec Number:</td> </tr> <tr> <td>Date: 05/13/2011</td> <td>Date: 05/10/2011</td> <td>Date: 05/12/2011</td> <td>Date: 05/12/2011</td> <td>21822</td> </tr> </table>	Entered: LLH	Engineer: SDS	Sales: WDC	Approved: JJB	Spec Number:	Date: 05/13/2011	Date: 05/10/2011	Date: 05/12/2011	Date: 05/12/2011	21822
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			3425 Walden Avenue Depew, NY 14043 UNITED STATES Phone: 800-828-8840 Fax: 716-684-0987 E-mail: info@pcb.com Web site: www.pcb.com																														

*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.

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