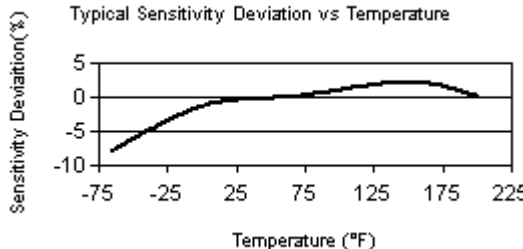


Model Number 602D02		INDUSTRIAL ICP® ACCELEROMETER			Revision: E ECN #: 41753																				
Performance		ENGLISH		SI																					
Sensitivity(± 20 %)	500 mV/g	51.0 mV/(m/s²)		[2]																					
Measurement Range	± 10 g	± 98 m/s²																							
Frequency Range(± 3 dB)	30 to 180,000 cpm	0.5 to 3000 Hz		[3]																					
Resonant Frequency	1500 kcpm	25 kHz		[1]																					
Broadband Resolution	300 µg	2941 µm/sec²		[1]																					
Non-Linearity	± 1 %	± 1 %		[4]																					
Transverse Sensitivity	≤ 7 %	≤ 7 %																							
Environmental																									
Overload Limit(Shock)	5000 g pk	49,050 m/s² pk																							
Temperature Range	-65 to +250 °F	-54 to +121 °C																							
Temperature Response	See Graph	See Graph		[1]																					
Enclosure Rating	IP68	IP68																							
Electrical																									
Settling Time(within 1% of bias)	≤ 5.0 sec	≤ 5.0 sec																							
Discharge Time Constant	≥ 0.3 sec	≥ 0.3 sec																							
Excitation Voltage	18 to 28 VDC	18 to 28 VDC																							
Constant Current Excitation	2 to 20 mA	2 to 20 mA																							
Output Impedance	<500 Ohm	<500 Ohm																							
Output Bias Voltage	8 to 12 VDC	8 to 12 VDC																							
Spectral Noise(10 Hz)	8 µg/√Hz	78.5 (µm/sec²)/√Hz		[1]																					
Spectral Noise(100 Hz)	3 µg/√Hz	29.4 (µm/sec²)/√Hz		[1]																					
Spectral Noise(1 kHz)	3 µg/√Hz	29.4 (µm/sec²)/√Hz		[1]																					
Electrical Isolation(Case)	>10 ⁸ Ohm	>10 ⁸ Ohm																							
Physical																									
Size (Length x Width x Height)	1.65 in x 0.74 in x 0.845 in	41.9 mm x 18.8 mm x 21.5 mm																							
Weight	2.61 oz	74.0 gm																							
Mounting Thread	1/4-28 Male	No Metric Equivalent		[5]																					
Mounting Torque	2 to 5 ft-lb	2.7 to 6.8 Nm																							
Sensing Element	Ceramic	Ceramic																							
Sensing Geometry	Shear	Shear																							
Housing Material	Stainless Steel	Stainless Steel																							
Sealing	Welded Hermetic	Welded Hermetic																							
Electrical Connector	2-Pin MIL-C-5015	2-Pin MIL-C-5015																							
Electrical Connection Position	Side	Side																							
^[6] 																									
 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 Group, Inc.																									
 A PCB PIEZOTRONICS DIV. Phone: 800-959-4464 Fax: 716-684-3823 E-Mail: imi@pcb.com <table><tr><td>Entered: AP</td><td>Engineer: gs</td><td>Sales: EGY</td><td>Approved: BAM</td><td>Spec Number:</td></tr><tr><td>Date: 7/17/2013</td><td>Date: 7/17/2013</td><td>Date: 7/17/2013</td><td>Date: 7/17/2013</td><td>40562</td></tr></table>						Entered: AP	Engineer: gs	Sales: EGY	Approved: BAM	Spec Number:	Date: 7/17/2013	Date: 7/17/2013	Date: 7/17/2013	Date: 7/17/2013	40562										
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