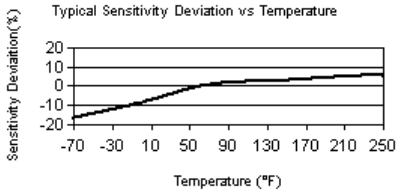
Model Number **352A60**	**ACCELEROMETER, ICP®**	Revision C ECN #: 29459

Performance	**ENGLISH**	**SI**	
Sensitivity (±15 %)	10 mV/g	1.02 mV/(m/s²)	
Measurement Range	±500 g pk	±4905 m/s² pk	[1]
Frequency Range (±3 dB)	5 to 60000 Hz	5 to 60000 Hz	
Electrical Filter Corner Frequency	45 kHz	45 kHz	[2]
Electrical Filter Roll-off	10 dB/decade	10 dB/decade	[2]
Resonant Frequency	≥95 kHz	≥95 kHz	
Broadband Resolution (1 to 10000 Hz)	0.002 g rms	0.02 m/s² rms	[3]
Non-Linearity	≤1 %	≤1 %	[4]
Transverse Sensitivity	≤5 %	≤5 %	[5]
Environmental			
Overload Limit (Shock)	±5000 g pk	±49050 m/s² pk	
Temperature Range	-65 to 250 °F	-54 to +121 °C	
Base Strain Sensitivity	≤0.05 g/με	≤0.49 (m/s²)/με	[3]
Electrical			
Excitation Voltage	18 to 30 VDC	18 to 30 VDC	
Constant Current Excitation	2 to 20 mA	2 to 20 mA	[1]
Output Impedance	≤100 Ohm	≤100 Ohm	
Output Bias Voltage	8 to 12 VDC	8 to 12 VDC	
Discharge Time Constant	0.02 to 0.06 sec	0.02 to 0.06 sec	[2]
Spectral Noise (10 Hz)	160 μg/√Hz	1570 (μm/sec²)/√Hz	[3]
Spectral Noise (100 Hz)	40 μg/√Hz	390 (μm/sec²)/√Hz	[3]
Spectral Noise (1 kHz)	15 μg/√Hz	147 (μm/sec²)/√Hz	[3]
Spectral Noise (10 kHz)	10 μg/√Hz	98 (μm/sec²)/√Hz	[3]
Physical			
Size (Height)	0.81 in	21.6 mm	
Weight	0.21 oz	6.0 gm	[3]
Sensing Element	Ceramic	Ceramic	
Size (Hex)	3/8 in	3/8 in	
Sensing Geometry	Shear	Shear	
Housing Material	Stainless Steel	Stainless Steel	
Sealing	Welded Hermetic	Welded Hermetic	
Electrical Connector	5-44 Coaxial	5-44 Coaxial	
Electrical Connection Position	Top	Top	
Mounting	Integral Stud	Integral Stud	
Mounting Thread	10-32 Male	10-32 Male	

CE[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.
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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

Mounting	Adhesive	Adhesive
Mounting Thread	None - Adhesive Mount Only	None - Adhesive Mount Only

Supplied Accessory: Model 080A90 Quick bond Gel (for use with accelerometer adhesive mtg bases to fill gaps on rough surfaces)

M - Metric Mount

Mounting Thread	M6 x 0.75 Male	(M6 x 0.75 Male)

Notes

[1] >6 mA excitation current required when driving cables longer than 50 ft (15.2 m) to avoid distortion and maintain full range
[2] Calculated.
[3] Typical.
[4] Zero-based, least-squares, straight line method.
[5] Transverse sensitivity is typically <= 3%.
[6] See PCB Declaration of Conformance PS023 for details.

Supplied Accessories
ACS-52 Single axis amplitude response calibration from -3 dB to +3 dB frequency range (1)

Entered: LLH	Engineer: BAM	Sales: LLH		Spec Number:
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PCB PIEZOTRONICS VIBRATION DIVISION
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