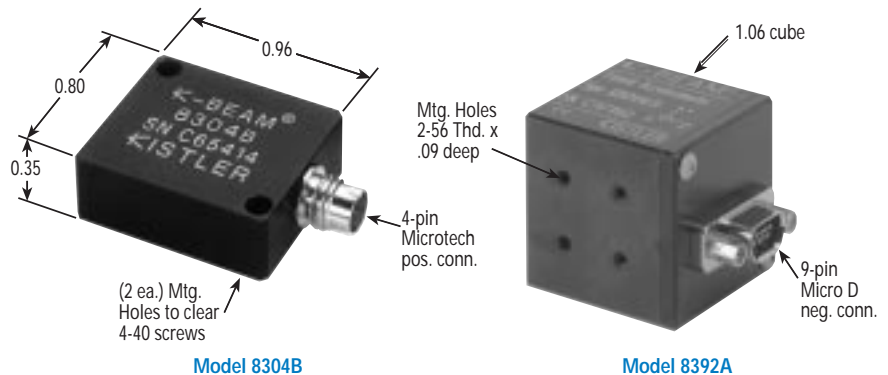


## K-BEAM® ACCELEROMETERS

## ACCELERATION

Kistler K-BEAM accelerometers are ideal for modal tests of large structures, rigid body studies or applications where near DC (or true DC) frequency response is needed. The 8304B series single axis and 8392A series triaxial do not require any signal conditioning, are lightweight and easy to use. Because of their DC response, inclination and vibration measurements can be achieved simultaneously. The 8303A series accelerometer is also ideal for multichannel applications where cost per channel is a factor.



**Request Data Bulletins K8.8303, K8.8304B & K8.8392 for more details.**

SPECIFICATIONS		8304B2 8392A2	8304B10 8392A10	8304B20 8392A20
Acceleration range	<i>g</i>	±2	±10	±20
Sensitivity				
8304B	mV/ <i>g</i>	1,000	200	100
8392A	mV/ <i>g</i>	500	100	50
Frequency response, ±5%				
8304B	Hz	300	180	160
8392B	Hz	150	60	50
Resolution (0.5 to 100 Hz)				
8304B	<i>mg</i> <sub>rms</sub>	0.1	0.6	1.0
8392A	<i>mg</i> <sub>rms</sub>	0.3	1.5	3.0
Linearity	%FS		±1	
Transverse sensitivity (nom.)	%		<1	
Output at zero <i>g</i> , ±10%	V		2.5	
Shock (700 μs half sine), max.	<i>g</i>		2,000	
Operating temperature range				
8304B	°F		−40 to 205	
8392A	°F		−40 to 215	
Supply voltage & current				
8304B	VDC & mA		9 to 18 & 18	
8392A	VDC & mA		9 to 20 & 30	
Sealing			Environmental Epoxy	
Weight: 8304B/8392A	<i>g</i>		7.5/40	
<b>Recommended Cable 8304B/8392A</b>			1592M1/1790A2	

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