## **Industrial Accelerometer**

### Model 5221

- Rugged, General Purpose
- Ground Isolated
- Isolated Faraday Shielding
- **Resonance Suppression Circuitry**

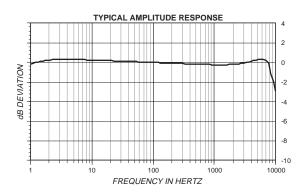
#### DESCRIPTION

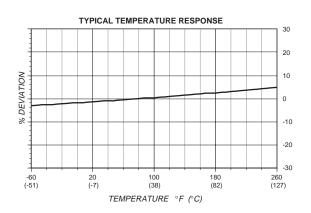
The ENDEVCO<sup>®</sup> Model 5221 series low profile accelerometer is designed specifically for vibration measurement in the rugged environments of industrial machinery monitoring. This accelerometer incorporates an internal hybrid signal conditioning to provide a low impedance output. Model 5221 offers a very wide dynamic range and an extremely low noise floor. The Model 5221 incorporates an active 2-pole low-pass filter for resonance suppression. Signal ground is isolated from the mounting surface and outer case to prevent ground loops, and the sensor is hermetically sealed to ensure longterm operation with excellent stability.

The Model 5221 series features ENDEVCO's PIEZITE® Type P-8 crystal element, operating in shear mode, in an electrically isolated sensor and charge amplifier unit. Model 5221 is provided with both a 1/4-28 UNRF and M6 x 1-6g mounting bolts to accommodate either english or metric mounting threads.

The following performance specifications conform to ISA-RP-37.2 (1-64) and are typical values, referenced at +24°C (+75°F), 24 Vdc supply, 4 mA constant current and 100 Hz, unless otherwise noted. Calibration data, traceable to National Institute of Standards and Technology (NIST), is supplied.

DYNAMIC CHARACTERISTICS	Units	
RANGE	g pk	80
VOLTAGE SENSITIVITY ±10%	mV/g	100
FREQUENCY RESPONSE		
RESONANCE FREQUENCY (Typical)	kHz	22
AMPLITUDE RESPONSE [1] [2]		
± 10%	Hz	1.6 to 5 000
± 3dB	Hz	0.8 to 8 000
TEMPERATURE RESPONSE		See Typical Curve
at -58°F to +248°F (-50°C to +120°C)	%	±10
TRANSVERSE SENSITIVITY	%	≤ 5
AMPLITUDE LINEARITY		
to 80 g peak	%	≤1



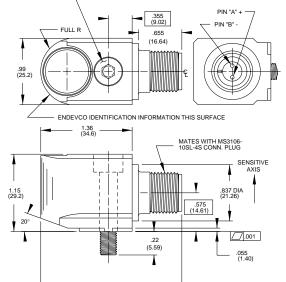




HEX SOCKET ,(CAPTIVE), MOUNTING BOLT

**ENDEVCO** 

CE



2.10 (53.3)







8146464

# **Industrial Accelerometer**

#### **SPECIFICATIONS**

The following performance specifications conform to ISA-RP-37.2 (1964) and are typical values, referenced at +75°F (+24°C), 24 Vdc supply, 4 mA, and 100 Hz, unless otherwise noted. Calibration data, traceable to National Institute of Standards and Technology (NIST), is supplied.

OUTPUT CHARA		Units	Appaleration directed into bace produces
OUTPUT POLARI	ΙΥ		Acceleration directed into base produces positive output
DC OUTPUT BIAS	S VOLTAGE	Vdc	
All with 80 g peak	vibration input:		
at 75°F (24°C)			11.5 to 12.5
at -58°F to +211°F	(-50°C to +99°C)		10.0 to 13.5
at +212°F to +248	°F (+100°C to +120°C)		≤ ±100 mV/°C
	× ,		≤ ±56 mV/°F
All without vibration	n input:		
at 75°F (24°C)			12.5 to 13.5
at -58°F to +211°F	(-50°C to +99°C)		11.0 to 14.0
	°F (+100°C to +120°C)		< ±100 mV/°C
			$\leq \pm 56 \text{ mV/}^{\circ}\text{F}$
OUTPUT IMPEDA	NCE	Ω	50
FULL SCALE OUT		V	±8
RESIDUAL NOISE		v	±0
			200 (000)
	at 24°C typical (max)	µg rms	300 (600)
	at 120°C typical (max)	µg rms	300 (600)
1.0 Hz at 24°C typ		μg	30 (60)
at 120°C ty	pical (max)	μg	40 (80)
GROUNDING			Signal ground isolated from case and connected to Faraday shield
ISOLATION		ΜΩ	>10
-58°F to +248°F (-	50°C to +120°C)		
POWER REQUIRI	EMENT		
SUPPLY VOLTAG		Vdc	+22 to +30
			+22 t0 +30 +2 to +10
SUPPLY CURREN		mA	
OVER VOLTAGE I	PROTECTION	Vdc	> 40
WARM-UP TIME To within 10% of fi	nal bias	Sec	≤ 1
			Provided
ILL VEROE I OLA			
	L CHARACTERISTICS		
TEMPERATURE F			-58°F to +248°F (-50°C to +120°C)
TEMPERATURE F	RANGE		Hermetic sealed
TEMPERATURE F	RANGE	g pk	
TEMPERATURE F HUMIDITY SINUSOIDAL VIBF SHOCK LIMIT	RANGE RATION LIMIT	g pk g pk	Hermetic sealed
TEMPERATURE F HUMIDITY SINUSOIDAL VIBR	RANGE RATION LIMIT	• ·	Hermetic sealed 500
TEMPERATURE F HUMIDITY SINUSOIDAL VIBF SHOCK LIMIT BASE STRAIN SE	RANGE RATION LIMIT INSITIVITY	g pk	Hermetic sealed 500 5000
TEMPERATURE F HUMIDITY SINUSOIDAL VIBF SHOCK LIMIT BASE STRAIN SE PHYSICAL CHAR	RANGE RATION LIMIT INSITIVITY	g pk	Hermetic sealed 500 5000 .002
TEMPERATURE F HUMIDITY SINUSOIDAL VIBF SHOCK LIMIT BASE STRAIN SE PHYSICAL CHAR DIMENSIONS	RANGE RATION LIMIT INSITIVITY ACTERISTICS	g pk equiv. µg pk/µ strain	Hermetic sealed 500 5000 .002 See Outline Drawing
TEMPERATURE F HUMIDITY SINUSOIDAL VIB SHOCK LIMIT BASE STRAIN SE PHYSICAL CHAR DIMENSIONS WEIGHT (without of	RANGE RATION LIMIT INSITIVITY ACTERISTICS	g pk	Hermetic sealed 500 5000 .002 See Outline Drawing 145 (5.1)
TEMPERATURE F HUMIDITY SINUSOIDAL VIBF SHOCK LIMIT BASE STRAIN SE PHYSICAL CHAR DIMENSIONS WEIGHT (without of CASE MATERIAL	RANGE RATION LIMIT INSITIVITY ACTERISTICS	g pk equiv. µg pk/µ strain	Hermetic sealed 500 5000 .002 See Outline Drawing 145 (5.1) 316L Stainless Steel
TEMPERATURE F HUMIDITY SINUSOIDAL VIBF SHOCK LIMIT BASE STRAIN SE PHYSICAL CHAR DIMENSIONS WEIGHT (without of CASE MATERIAL MATING PLUG	RANGE RATION LIMIT INSITIVITY ACTERISTICS cable)	g pk equiv. μg pk/μ strain oz (gm)	Hermetic sealed           500           5000           .002           See Outline Drawing           145 (5.1)           316L Stainless Steel           MS3106-10SL-4S or MS3456L-10SL-4S
TEMPERATURE F HUMIDITY SINUSOIDAL VIBF SHOCK LIMIT BASE STRAIN SE PHYSICAL CHAR DIMENSIONS WEIGHT (without of CASE MATERIAL	RANGE RATION LIMIT INSITIVITY ACTERISTICS cable)	g pk equiv. µg pk/µ strain	Hermetic sealed 500 5000 .002 See Outline Drawing 145 (5.1) 316L Stainless Steel
TEMPERATURE F HUMIDITY SINUSOIDAL VIBF SHOCK LIMIT BASE STRAIN SE PHYSICAL CHAR DIMENSIONS WEIGHT (without A CASE MATERIAL MATING PLUG MOUNTING TORC	RANGE RATION LIMIT INSITIVITY ACTERISTICS cable)	g pk equiv. μg pk/μ strain oz (gm)	Hermetic sealed           500           5000           .002           See Outline Drawing           145 (5.1)           316L Stainless Steel           MS3106-10SL-4S or MS3456L-10SL-4S
TEMPERATURE F HUMIDITY SINUSOIDAL VIBF SHOCK LIMIT BASE STRAIN SE PHYSICAL CHAR DIMENSIONS WEIGHT (without of CASE MATERIAL MATING PLUG MOUNTING TORC CALIBRATION	RANGE RATION LIMIT INSITIVITY ACTERISTICS cable)	g pk equiv. μg pk/μ strain oz (gm)	Hermetic sealed           500           5000           .002           See Outline Drawing           145 (5.1)           316L Stainless Steel           MS3106-10SL-4S or MS3456L-10SL-4S
TEMPERATURE F HUMIDITY SINUSOIDAL VIBF SHOCK LIMIT BASE STRAIN SE PHYSICAL CHAR DIMENSIONS WEIGHT (without CASE MATERIAL MATING PLUG MOUNTING TORC CALIBRATION SUPPLIED:	RANGE RATION LIMIT INSITIVITY ACTERISTICS cable)	g pk equiv. μg pk/μ strain oz (gm) in-lbs (N-m)	Hermetic sealed           500           5000           .002           See Outline Drawing           145 (5.1)           316L Stainless Steel           MS3106-10SL-4S or MS3456L-10SL-4S
TEMPERATURE F HUMIDITY SINUSOIDAL VIBF SHOCK LIMIT BASE STRAIN SE PHYSICAL CHAR DIMENSIONS WEIGHT (without CASE MATERIAL MATING PLUG MOUNTING TORC CALIBRATION	RANGE RATION LIMIT INSITIVITY ACTERISTICS cable)	g pk equiv. μg pk/μ strain oz (gm)	Hermetic sealed           500           5000           .002           See Outline Drawing           145 (5.1)           316L Stainless Steel           MS3106-10SL-4S or MS3456L-10SL-4S
TEMPERATURE F HUMIDITY SINUSOIDAL VIBF SHOCK LIMIT BASE STRAIN SE PHYSICAL CHAR DIMENSIONS WEIGHT (without of CASE MATERIAL MATING PLUG MOUNTING TORC CALIBRATION SUPPLIED: SENSITIVITY	RANGE RATION LIMIT INSITIVITY ACTERISTICS cable)	g pk equiv. μg pk/μ strain oz (gm) in-lbs (N-m) mV/g	Hermetic sealed           500           5000           .002           See Outline Drawing           145 (5.1)           316L Stainless Steel           MS3106-10SL-4S or MS3456L-10SL-4S           24 (2.9)
TEMPERATURE F HUMIDITY SINUSOIDAL VIBF SHOCK LIMIT BASE STRAIN SE PHYSICAL CHAR DIMENSIONS WEIGHT (without A CASE MATERIAL MATING PLUG MOUNTING TORC CALIBRATION SUPPLIED: SENSITIVITY ACCESSORIES	RANGE RATION LIMIT INSITIVITY ACTERISTICS Cable) QUE	g pk equiv. μg pk/μ strain oz (gm) in-lbs (N-m) mV/g 3.	Hermetic sealed         500         5000         .002         See Outline Drawing         145 (5.1)         316L Stainless Steel         MS3106-10SL-4S or MS3456L-10SL-4S         24 (2.9)
TEMPERATURE F HUMIDITY SINUSOIDAL VIBF SHOCK LIMIT BASE STRAIN SE PHYSICAL CHAR DIMENSIONS WEIGHT (without of CASE MATERIAL MATING PLUG MOUNTING TORC CALIBRATION SUPPLIED: SENSITIVITY	RANGE RATION LIMIT INSITIVITY ACTERISTICS Cable) QUE QUE INCLUDED 1/4-28 UNRF Captive Mounting I	g pk equiv. μg pk/μ strain oz (gm) in-lbs (N-m) mV/g 3.	Hermetic sealed         500         5000         .002         See Outline Drawing         145 (5.1)         316L Stainless Steel         MS3106-10SL-4S or MS3456L-10SL-4S         24 (2.9)         Maintain high levels of precision and accuracy using         Endevco's factory calibration services. Call Endevco's inside
TEMPERATURE F HUMIDITY SINUSOIDAL VIBF SHOCK LIMIT BASE STRAIN SE PHYSICAL CHAR DIMENSIONS WEIGHT (without of CASE MATERIAL MATING PLUG MOUNTING TORC CALIBRATION SUPPLIED: SENSITIVITY ACCESSORIES MODEL 32257	RANGE RATION LIMIT NSITIVITY ACTERISTICS cable) QUE INCLUDED 1/4-28 UNRF Captive Mounting I Shank	g pk equiv. μg pk/μ strain oz (gm) in-lbs (N-m) mV/g Bolt, Modified	Hermetic sealed         500         5000         .002         See Outline Drawing         145 (5.1)         316L Stainless Steel         MS3106-10SL-4S or MS3456L-10SL-4S         24 (2.9)    Maintain high levels of precision and accuracy using Endevco's factory calibration services. Call Endevco's inside sales force at 800-982-6732 for recommended intervals, pricing
TEMPERATURE F HUMIDITY SINUSOIDAL VIBF SHOCK LIMIT BASE STRAIN SE PHYSICAL CHAR DIMENSIONS WEIGHT (without A CASE MATERIAL MATING PLUG MOUNTING TORC CALIBRATION SUPPLIED: SENSITIVITY ACCESSORIES	RANGE RATION LIMIT INSITIVITY ACTERISTICS cable) QUE INCLUDED 1/4-28 UNRF Captive Mounting I Shank M6 x 1-6g Captive Mounting Bolt	g pk equiv. μg pk/μ strain oz (gm) in-lbs (N-m) mV/g Bolt, Modified	Hermetic sealed         500         5000         .002         See Outline Drawing         145 (5.1)         316L Stainless Steel         MS3106-10SL-4S or MS3456L-10SL-4S         24 (2.9)    Maintain high levels of precision and accuracy using Endevco's factory calibration services. Call Endevco's inside sales force at 800-982-6732 for recommended intervals, pricing and turn-around time for these services as well as for quotations
TEMPERATURE F HUMIDITY SINUSOIDAL VIBF SHOCK LIMIT BASE STRAIN SE PHYSICAL CHAR DIMENSIONS WEIGHT (without CASE MATERIAL MATING PLUG MOUNTING TORC CALIBRATION SUPPLIED: SENSITIVITY ACCESSORIES MODEL 32257	RANGE RATION LIMIT NSITIVITY ACTERISTICS cable) QUE INCLUDED 1/4-28 UNRF Captive Mounting I Shank	g pk equiv. μg pk/μ strain oz (gm) in-lbs (N-m) mV/g Bolt, Modified	Hermetic sealed         500         5000         .002         See Outline Drawing         145 (5.1)         316L Stainless Steel         MS3106-10SL-4S or MS3456L-10SL-4S         24 (2.9)    Maintain high levels of precision and accuracy using Endevco's factory calibration services. Call Endevco's inside sales force at 800-982-6732 for recommended intervals, pricing
TEMPERATURE F HUMIDITY SINUSOIDAL VIBF SHOCK LIMIT BASE STRAIN SE PHYSICAL CHAR DIMENSIONS WEIGHT (without of CASE MATERIAL MATING PLUG MOUNTING TORO CALIBRATION SUPPLIED: SENSITIVITY ACCESSORIES MODEL 32265	RANGE RATION LIMIT INSITIVITY ACTERISTICS Cable) QUE INCLUDED 1/4-28 UNRF Captive Mounting I Shank M6 x 1-6g Captive Mounting Bolt Modified Shank	g pk equiv. μg pk/μ strain oz (gm) in-lbs (N-m) mV/g Bolt, Modified	Hermetic sealed         500         5000         .002         See Outline Drawing         145 (5.1)         316L Stainless Steel         MS3106-10SL-4S or MS3456L-10SL-4S         24 (2.9)    Maintain high levels of precision and accuracy using Endevco's factory calibration services. Call Endevco's inside sales force at 800-982-6732 for recommended intervals, pricing and turn-around time for these services as well as for quotations
TEMPERATURE F HUMIDITY SINUSOIDAL VIBS SHOCK LIMIT BASE STRAIN SE PHYSICAL CHAR DIMENSIONS WEIGHT (without CASE MATERIAL MATING PLUG MOUNTING TORC CALIBRATION SUPPLIED: SENSITIVITY ACCESSORIES MODEL 32265 ACCESSORIES	RANGE RATION LIMIT INSITIVITY ACTERISTICS cable) QUE INCLUDED 1/4-28 UNRF Captive Mounting I Shank M6 x 1-6g Captive Mounting Bolt	g pk equiv. μg pk/μ strain oz (gm) in-lbs (N-m) mV/g Bolt, Modified	Hermetic sealed         500         5000         5000         .002         See Outline Drawing         145 (5.1)         316L Stainless Steel         MS3106-10SL-4S or MS3456L-10SL-4S         24 (2.9)    Maintain high levels of precision and accuracy using Endevco's factory calibration services. Call Endevco's inside sales force at 800-982-6732 for recommended intervals, pricing and turn-around time for these services as well as for quotations on our standard products.
TEMPERATURE F HUMIDITY SINUSOIDAL VIBF SHOCK LIMIT BASE STRAIN SE PHYSICAL CHAR DIMENSIONS WEIGHT (without of CASE MATERIAL MATING PLUG MOUNTING TORO CALIBRATION SUPPLIED: SENSITIVITY ACCESSORIES MODEL 32265	RANGE RATION LIMIT INSITIVITY ACTERISTICS Cable) QUE INCLUDED 1/4-28 UNRF Captive Mounting I Shank M6 x 1-6g Captive Mounting Bolt Modified Shank	g pk equiv. μg pk/μ strain oz (gm) in-lbs (N-m) mV/g 3. Bolt, Modified t, Metric,	Hermetic sealed         500         5000         .002         See Outline Drawing         145 (5.1)         316L Stainless Steel         MS3106-10SL-4S or MS3456L-10SL-4S         24 (2.9)         Maintain high levels of precision and accuracy using         Endevco's factory calibration services. Call Endevco's inside         sales force at 800-982-6732 for recommended intervals, pricing         and turn-around time for these services as well as for quotations         on our standard products.
TEMPERATURE F HUMIDITY SINUSOIDAL VIBS SHOCK LIMIT BASE STRAIN SE PHYSICAL CHAR DIMENSIONS WEIGHT (without CASE MATERIAL MATING PLUG MOUNTING TORC CALIBRATION SUPPLIED: SENSITIVITY ACCESSORIES MODEL 32265 ACCESSORIES	RANGE RATION LIMIT INSITIVITY ACTERISTICS Cable) QUE INCLUDED 1/4-28 UNRF Captive Mounting I Shank M6 x 1-6g Captive Mounting Bolt Modified Shank OPTIONAL	g pk equiv. μg pk/μ strain oz (gm) in-lbs (N-m) mV/g 3. Bolt, Modified t, Metric,	Hermetic sealed         500         5000         5000         .002         See Outline Drawing         145 (5.1)         316L Stainless Steel         MS3106-10SL-4S or MS3456L-10SL-4S         24 (2.9)         Maintain high levels of precision and accuracy using         Endevco's factory calibration services. Call Endevco's inside         sales force at 800-982-6732 for recommended intervals, pricing         and turn-around time for these services as well as for quotations         on our standard products.         ISOTRON (each channel)         Constant ()         Or + Voltage Supply
TEMPERATURE F HUMIDITY SINUSOIDAL VIBS SHOCK LIMIT BASE STRAIN SE PHYSICAL CHAR DIMENSIONS WEIGHT (without CASE MATERIAL MATING PLUG MOUNTING TORC CALIBRATION SUPPLIED: SENSITIVITY ACCESSORIES MODEL 32265 ACCESSORIES	RANGE RATION LIMIT INSITIVITY ACTERISTICS Cable) QUE INCLUDED 1/4-28 UNRF Captive Mounting I Shank M6 x 1-6g Captive Mounting Bolt Modified Shank OPTIONAL Cable Assembly (MS3456L-10SI	g pk equiv. μg pk/μ strain oz (gm) in-lbs (N-m) mV/g Bolt, Modified t, Metric, 4S Connector),	Hermetic sealed         500         5000         5000         .002         See Outline Drawing         145 (5.1)         316L Stainless Steel         MS3106-10SL-4S or MS3456L-10SL-4S         24 (2.9)         Maintain high levels of precision and accuracy using         Endevco's factory calibration services. Call Endevco's inside         sales force at 800-982-6732 for recommended intervals, pricing         and turn-around time for these services as well as for quotations         on our standard products.         ISOTRON         (each channel)         Constant         Constant         Constant         Current         Source
TEMPERATURE F HUMIDITY SINUSOIDAL VIBF SHOCK LIMIT BASE STRAIN SE PHYSICAL CHAR DIMENSIONS WEIGHT (without of CASE MATERIAL MATING PLUG MOUNTING TORO CALIBRATION SUPPLIED: SENSITIVITY ACCESSORIES MODEL 32265 ACCESSORIES MODEL 6923M9	RANGE RATION LIMIT INSITIVITY ACTERISTICS Cable) QUE INCLUDED 1/4-28 UNRF Captive Mounting I Shank M6 x 1-6g Captive Mounting Bolt Modified Shank OPTIONAL Cable Assembly (MS3456L-10SI single shield	g pk equiv. μg pk/μ strain oz (gm) in-lbs (N-m) mV/g Bolt, Modified t, Metric, 4S Connector),	Hermetic sealed         500         5000         5000         .002         See Outline Drawing         145 (5.1)         316L Stainless Steel         MS3106-10SL-4S or MS3456L-10SL-4S         24 (2.9)         Maintain high levels of precision and accuracy using         Endevco's factory calibration services. Call Endevco's inside         sales force at 800-982-6732 for recommended intervals, pricing         and turn-around time for these services as well as for quotations         on our standard products.         ISOTRON         (each channel)         Current         Source         Source
TEMPERATURE F HUMIDITY SINUSOIDAL VIBF SHOCK LIMIT BASE STRAIN SE PHYSICAL CHAR DIMENSIONS WEIGHT (without of CASE MATERIAL MATING PLUG MOUNTING TORO CALIBRATION SUPPLIED: SENSITIVITY ACCESSORIES MODEL 32265 ACCESSORIES MODEL 6923M9	RANGE RATION LIMIT INSITIVITY ACTERISTICS cable) QUE INCLUDED 1/4-28 UNRF Captive Mounting I Shank M6 x 1-6g Captive Mounting Bolt Modified Shank OPTIONAL Cable Assembly (MS3456L-10SI single shield Cable Assembly (MS3456L-10SI	g pk equiv. μg pk/μ strain oz (gm) in-lbs (N-m) mV/g Bolt, Modified t, Metric, 4S Connector),	Hermetic sealed         500         5000         5000         5000         .002         See Outline Drawing         145 (5.1)         316L Stainless Steel         MS3106-10SL-4S or MS3456L-10SL-4S         24 (2.9)         Maintain high levels of precision and accuracy using         Endevco's factory calibration services. Call Endevco's inside         sales force at 800-982-6732 for recommended intervals, pricing         and turn-around time for these services as well as for quotations         on our standard products.         ISOTRON         Current         Source         Pecoupling         Current         Source         Decoupling         Capacitor         Unbiased
TEMPERATURE F HUMIDITY SINUSOIDAL VIBF SHOCK LIMIT BASE STRAIN SE PHYSICAL CHAR DIMENSIONS WEIGHT (without of CASE MATERIAL MATING PLUG MOUNTING TORO CALIBRATION SUPPLIED: SENSITIVITY ACCESSORIES MODEL 32265 ACCESSORIES MODEL 6923M9 MODEL 6923M16 NOTES	RANGE RATION LIMIT INSITIVITY ACTERISTICS cable) QUE INCLUDED 1/4-28 UNRF Captive Mounting I Shank M6 x 1-6g Captive Mounting Bolt Modified Shank OPTIONAL Cable Assembly (MS3456L-10SI single shield Cable Assembly (MS3456L-10SI	g pk equiv. μg pk/μ strain oz (gm) in-lbs (N-m) mV/g Bolt, Modified t, Metric, 4S Connector), 4S Connector),	Hermetic sealed         500         5000         5000         .002         See Outline Drawing         145 (5.1)         316L Stainless Steel         MS3106-10SL-4S or MS3456L-10SL-4S         24 (2.9)         Maintain high levels of precision and accuracy using         Endevco's factory calibration services. Call Endevco's inside         sales force at 800-982-6732 for recommended intervals, pricing         and turn-around time for these services as well as for quotations         on our standard products.         ISOTRON (each channel)         Constant         Or + Voltage Supply         Source         Decoupling
TEMPERATURE F HUMIDITY SINUSOIDAL VIBF SHOCK LIMIT BASE STRAIN SE PHYSICAL CHAR DIMENSIONS WEIGHT (without of CASE MATERIAL MATING PLUG MOUNTING TORO CALIBRATION SUPPLIED: SENSITIVITY ACCESSORIES MODEL 32265 ACCESSORIES MODEL 6923M9 MODEL 6923M16 NOTES 1. Also available	RANGE RATION LIMIT INSITIVITY ACTERISTICS Cable) QUE INCLUDED 1/4-28 UNRF Captive Mounting I Shank M6 x 1-6g Captive Mounting Bolt Modified Shank OPTIONAL Cable Assembly (MS3456L-10SI single shield Cable Assembly (MS3456L-10SI double shield with low-end corner frequency dow	g pk equiv. μg pk/μ strain oz (gm) in-lbs (N-m) mV/g Bolt, Modified t, Metric, 4S Connector), 4S Connector), 4S Connector),	Hermetic sealed         500         5000         5000         5000         .002         See Outline Drawing         145 (5.1)         316L Stainless Steel         MS3106-10SL-4S or MS3456L-10SL-4S         24 (2.9)         Maintain high levels of precision and accuracy using         Endevco's factory calibration services. Call Endevco's inside         sales force at 800-982-6732 for recommended intervals, pricing         and turn-around time for these services as well as for quotations         on our standard products.         ISOTRON (each channel)         Constant         Output         Biased         Output
TEMPERATURE F HUMIDITY SINUSOIDAL VIBF SHOCK LIMIT BASE STRAIN SE PHYSICAL CHAR DIMENSIONS WEIGHT (without CASE MATERIAL MATING PLUG MOUNTING TORC CALIBRATION SUPPLIED: SENSITIVITY ACCESSORIES MODEL 32265 ACCESSORIES MODEL 6923M16 NOTES 1. Also available 9 2. Frequency rest	RANGE RATION LIMIT RATION LIMIT ACTERISTICS Cable) CUE INCLUDED 1/4-28 UNRF Captive Mounting I Shank M6 x 1-6g Captive Mounting Bolt Modified Shank OPTIONAL Cable Assembly (MS3456L-10SI single shield Cable Assembly (MS3456L-10SI double shield with low-end corner frequency dow boonse verified on subassembly due	g pk equiv. μg pk/μ strain oz (gm) in-lbs (N-m) mV/g Bolt, Modified t, Metric, 4S Connector), 4S Connector), 4S Connector),	Hermetic sealed         500         5000         5000         .002         See Outline Drawing         145 (5.1)         316L Stainless Steel         MS3106-10SL-4S or MS3456L-10SL-4S         24 (2.9)    Maintain high levels of precision and accuracy using Endevco's factory calibration services. Call Endevco's inside sales force at 800-982-6732 for recommended intervals, pricing and turn-around time for these services as well as for quotations on our standard products.          ISOTRON       Constant         Gapacitor       Unbiased
TEMPERATURE F HUMIDITY SINUSOIDAL VIBF SHOCK LIMIT BASE STRAIN SE PHYSICAL CHAR DIMENSIONS WEIGHT (without of CASE MATERIAL MATING PLUG MOUNTING TORO CALIBRATION SUPPLIED: SENSITIVITY ACCESSORIES MODEL 32265 ACCESSORIES MODEL 6923M16 NOTES 1. Also available of 2. Frequency rest	RANGE RATION LIMIT INSITIVITY ACTERISTICS Cable) QUE INCLUDED 1/4-28 UNRF Captive Mounting I Shank M6 x 1-6g Captive Mounting Bolt Modified Shank OPTIONAL Cable Assembly (MS3456L-10SI single shield Cable Assembly (MS3456L-10SI double shield with low-end corner frequency dow	g pk equiv. μg pk/μ strain oz (gm) in-lbs (N-m) mV/g Bolt, Modified t, Metric, 4S Connector), 4S Connector), 4S Connector),	Hermetic sealed         500         5000         5000         5000         .002         See Outline Drawing         145 (5.1)         316L Stainless Steel         MS3106-10SL-4S or MS3456L-10SL-4S         24 (2.9)         Maintain high levels of precision and accuracy using         Endevco's factory calibration services. Call Endevco's inside         sales force at 800-982-6732 for recommended intervals, pricing         and turn-around time for these services as well as for quotations         on our standard products.         ISOTRON (each channel)         Constant         Output         Biased         Output

Continued product improvement necessitates that Endevco reserve the right to modify these specifications without notice. Endevco maintains a program of constant surveillance over all products to ensure a high level of reliability. This program includes attention to reliability factors during product design, the support of stringent Quality Control requirements, and compulsory corrective action procedures. These measures, together with conservative specifications have made the name Endevco synonymous with reliability.

ENDEVCO CORPORATION, 30700 RANCHO VIEJO ROAD, SAN JUAN CAPISTRANO, CA 92675 USA (800) 982-6732 (949) 493-8181 fax (949) 661-7231 www.endevco.com Email:applications@endevco.com 1100