## **ISOTRON®** Accelerometer

### MODAL 63B-10, -100

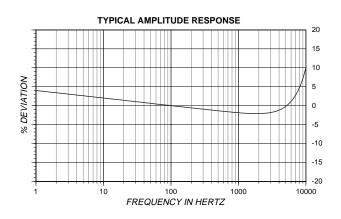
- Shock-Proof, Overload Protected
- Small Size (<15 mm<sup>3</sup>, <9 gram)
- Single Connector, Flexible Cable
- ΣZ-mount Compatible, Reduces Installation Time
- Ideal for Modal Analysis

#### DESCRIPTION

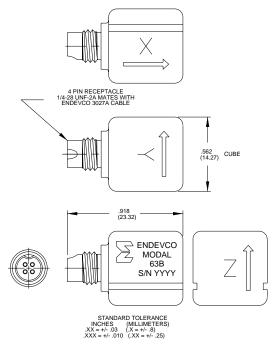
The ENDEVCO<sup>®</sup> MODAL 63B is a lightweight triaxial piezoelectric accelerometer with integral electronics, designed specifically to measure modal responses in three orthogonal axes. This accelerometer offers exemplary dynamic range and frequency response in a very small package. MODAL 63B is designed to withstand typical handling in the laboratory environment without sustaining internal damage. The triaxial accelerometer also takes advantage of ENDEVCO's unique ≥Z-mount quick release mounting system which reduces set-up time and improves mounting accuracy.

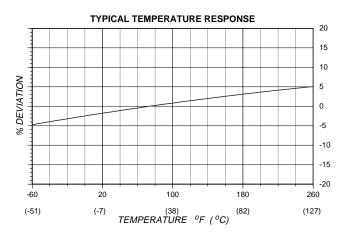
The MODAL 63B features ENDEVCO's PIEZITE<sup>®</sup> Type P-8 crystal elements operating in annular shear mode, which offers very high transduction efficiency without sacrificing ruggedness. This accelerometer incorporates three independent internal hybrid signal conditioners operating in constant current mode. Its low impedance voltage outputs are connected to the same 4-wire cable that supplies the required constant current power. Signal ground is isolated from the mounting surface. The model number suffix indicates acceleration sensitivity in mV/g; i.e., 63B-100 features output sensitivity of 100 mV/g.

ENDEVCO Signal Conditioner Models 133, 2792B, 2793, 4416B or OASIS 482A, 433, 428 are recommended for use with this accelerometer.













APPLIES TO CALIFORNIA FACILITY

81461618

ENDEVCO MODEL 63B-10 -100

### ENDEVCO MODEL 63B-10 -100

# **ISOTRON®** Accelerometer

SPECIFICATIONS (EACH AXIS)

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

YNAMIC CHARACTERISTICS		-10	-100	
	g	± 500	± 50	
OLTAGE SENSITIVITY, Typical	mV/g	10	100	
REQUENCY RESPONSE [1]		See Typical C	urves	
mplitude Response				
± 5%	Hz	1 to 3000	)	
±1dB, typical	Hz	.5 to 10 00	00	
esonance Frequency	Hz	25 000		
RANSVERSE SENSITIVITY	%		≤ 5	
EMPERATURE RESPONSE	70	See Typical Curve		
	0/	<1		
MPLITUDE NONLINEARITY	%	<u>5</u> 1		
UTPUT CHARACTERISTICS				
UTPUT POLARITY		See arrows on outli	ne drawing	
C OUTPUT BIAS VOLTAGE	Vdc +9.5 to +10.5		).5	
UTPUT IMPEDANCE	Ω	≤ 100		
ULL SCALE OUTPUT VOLTAG		± 5		
ESOLUTION (0.5 Hz to 10 kHz			0.0005	
	,	0.001		
ROUNDING	Signal ground	I is connected to the case and isolated from	n the mounting surface	
OWER REQUIREMENT				
OMPLIANCE VOLTAGE	Vdc	+ 21 to + 2	24	
JPPLY CURRENT	mA	+ 2 to + 1	0	
ARM-UP TIME (to reach 90%		< 5	-	
	or mai biasy 500	< 5		
NVIRONMENTAL CHARACTE	RISTICS			
EMPERATURE RANGE		- 67°F to + 257°F (- 55	°C to + 125°C)	
UMIDITY		Epoxy seal	ed	
INUSOIDAL VIBRATION LIMIT	g	± 500	± 200	
HOCK LIMIT	5	8000	2 200	
ASE STRAIN SENSITIVITY	g pk			
HOE OTKAIN DENOTIVITY	eq. g/µstrain	0.001		
t 250 µstrain		0.01/0.00		
	TVITY eq. g /°F (/°C)	0.01 (0.02	2)	
t 250 µstrain HERMAL TRANSIENT SENSIT		0.01 (0.02	2)	
t 250 µstrain HERMAL TRANSIENT SENSIT <b>HYSICAL CHARACTERISTIC</b> IMENSIONS		See Outline D	,	
t 250 µstrain HERMAL TRANSIENT SENSIT <b>HYSICAL CHARACTERISTIC</b> IMENSIONS		See Outline Dr 9 (0.32)	awing	
t 250 µstrain HERMAL TRANSIENT SENSIT <b>HYSICAL CHARACTERISTIC</b> IMENSIONS /EIGHT	S	See Outline D	awing	
t 250 µstrain HERMAL TRANSIENT SENSIT <b>HYSICAL CHARACTERISTIC</b> IMENSIONS /EIGHT ASE MATERIAL	s gm (oz)	See Outline Dr 9 (0.32) Aluminum Alloy, A	awing	
t 250 µstrain HERMAL TRANSIENT SENSIT HYSICAL CHARACTERISTIC IMENSIONS /EIGHT ASE MATERIAL ONNECTOR	s gm (oz)	See Outline Dr 9 (0.32) Aluminum Alloy, / 4S-4H receptacle mates with Endevco Mo	awing Anodized del 3027A/AM3/AM4 cal	
t 250 µstrain	s gm (oz)	See Outline Dr 9 (0.32) Aluminum Alloy, A	awing Anodized del 3027A/AM3/AM4 cał	
t 250 µstrain HERMAL TRANSIENT SENSIT HYSICAL CHARACTERISTIC IMENSIONS /EIGHT TASE MATERIAL TONNECTOR	s gm (oz)	See Outline Dr 9 (0.32) Aluminum Alloy, / 4S-4H receptacle mates with Endevco Mo	awing Anodized del 3027A/AM3/AM4 cał	
t 250 µstrain HERMAL TRANSIENT SENSIT IMENSIONS /EIGHT ASE MATERIAL ONNECTOR IOUNTING [2]	s gm (oz)	See Outline Dr 9 (0.32) Aluminum Alloy, / 4S-4H receptacle mates with Endevco Mo	awing Anodized del 3027A/AM3/AM4 cal	
t 250 µstrain HERMAL TRANSIENT SENSIT HYSICAL CHARACTERISTIC IMENSIONS /EIGHT ASE MATERIAL ONNECTOR OUNTING [2] ALIBRATION UPPLIED:	s gm (oz)	See Outline Dr 9 (0.32) Aluminum Alloy, / 4S-4H receptacle mates with Endevco Mo	awing Anodized del 3027A/AM3/AM4 cal	
t 250 µstrain HERMAL TRANSIENT SENSIT HYSICAL CHARACTERISTIC IMENSIONS /EIGHT ASE MATERIAL ONNECTOR OUNTING [2] ALIBRATION UPPLIED: OLTAGE SENSITIVITY	s gm (oz) Microtech DR-	See Outline Dr 9 (0.32) Aluminum Alloy, / 4S-4H receptacle mates with Endevco Mo	awing Anodized del 3027A/AM3/AM4 cal	
t 250 µstrain HERMAL TRANSIENT SENSIT HYSICAL CHARACTERISTIC: IMENSIONS /EIGHT ASE MATERIAL ONNECTOR IOUNTING [2] ALIBRATION UPPLIED: OLTAGE SENSITIVITY IAXIMUM TRANSVERSE SENSI	gm (oz) Microtech DR- mV/g SITIVITY %	See Outline Dr 9 (0.32) Aluminum Alloy, A 4S-4H receptacle mates with Endevco Mo Adhesive, stud, or <b>Σ</b> Z-n	Anodized del 3027A/AM3/AM4 cal nount	
t 250 µstrain HERMAL TRANSIENT SENSIT HYSICAL CHARACTERISTIC IMENSIONS /EIGHT ASE MATERIAL ONNECTOR OUNTING [2] ALIBRATION UPPLIED: OLTAGE SENSITIVITY AXIMUM TRANSVERSE SENSI	s gm (oz) Microtech DR-	See Outline Dr 9 (0.32) Aluminum Alloy, / 4S-4H receptacle mates with Endevco Mo	Anodized del 3027A/AM3/AM4 cal nount	
t 250 µstrain HERMAL TRANSIENT SENSIT IMENSIONS /EIGHT ASE MATERIAL ONNECTOR IOUNTING [2] ALIBRATION	gm (oz) Microtech DR- mV/g SITIVITY %	See Outline Dr 9 (0.32) Aluminum Alloy, A 4S-4H receptacle mates with Endevco Mo Adhesive, stud, or <b>Σ</b> Z-n	Anodized del 3027A/AM3/AM4 cal nount	
t 250 µstrain HERMAL TRANSIENT SENSIT HYSICAL CHARACTERISTIC IMENSIONS /EIGHT ASE MATERIAL ONNECTOR OUNTING [2] ALIBRATION UPPLIED: OLTAGE SENSITIVITY AXIMUM TRANSVERSE SENSI	gm (oz) Microtech DR- mV/g SITIVITY %	See Outline D 9 (0.32) Aluminum Alloy, 4 4S-4H receptacle mates with Endevco Mon Adhesive, stud, or <b>Σ</b> Z-n 20 Hz to 4 H	Anodized del 3027A/AM3/AM4 ca nount	
250 µstrain HERMAL TRANSIENT SENSIT HYSICAL CHARACTERISTIC: MENSIONS EIGHT ASE MATERIAL DNNECTOR OUNTING [2] ALIBRATION JPPLIED: DLTAGE SENSITIVITY AXIMUM TRANSVERSE SENS REQUENCY RESPONSE	gm (oz) Microtech DR- mV/g SITIVITY %	See Outline DI 9 (0.32) Aluminum Alloy, 4 4S-4H receptacle mates with Endevco Mou Adhesive, stud, or Z-n Adhesive, stud, or Z-n 20 Hz to 4 H	Anodized Anodized del 3027A/AM3/AM4 ca nount	
250 µstrain HERMAL TRANSIENT SENSIT HYSICAL CHARACTERISTIC: MENSIONS EIGHT ASE MATERIAL DNNECTOR OUNTING [2] ALIBRATION JPPLIED: DLTAGE SENSITIVITY AXIMUM TRANSVERSE SENS REQUENCY RESPONSE	s gm (oz) Microtech DR- Microtech DR- SITIVITY % %	See Outline Dr 9 (0.32) Aluminum Alloy, A 4S-4H receptacle mates with Endevco Mo Adhesive, stud, or Z-n 20 Hz to 4 H 20 Hz to 4 H	Anodized Anodized del 3027A/AM3/AM4 ca nount	
250 µstrain HERMAL TRANSIENT SENSIT HYSICAL CHARACTERISTIC: IMENSIONS EIGHT ASE MATERIAL ONNECTOR OUNTING [2] ALIBRATION JUPPLIED: DITAGE SENSITIVITY AXIMUM TRANSVERSE SENS REQUENCY RESPONSE	s gm (oz) Microtech DR- Microtech DR- SITIVITY % % TRIAXIAL CABLE, 85°C [3]	See Outline DI 9 (0.32) Aluminum Alloy, 4 4S-4H receptacle mates with Endevco Mou Adhesive, stud, or Z-n Adhesive, stud, or Z-n 20 Hz to 4 H	Anodized Anodized del 3027A/AM3/AM4 cal nount	
250 µstrain HERMAL TRANSIENT SENSIT HYSICAL CHARACTERISTIC: IMENSIONS FEIGHT ASE MATERIAL ONNECTOR OUNTING [2] ALIBRATION UPPLIED: DLTAGE SENSITIVITY AXIMUM TRANSVERSE SENS REQUENCY RESPONSE CCESSORY odel 3027AM3 (10 ft)	s mV/g SITIVITY % SITIVITY % (3X BNC's at instrument ends)	See Outline DI 9 (0.32) Aluminum Alloy, / 4S-4H receptacle mates with Endevco Mon Adhesive, stud, or Z-n 20 Hz to 4 H 20 Hz to 4 H Constant Current Source Decc	Anodized Anodized del 3027A/AM3/AM4 ca nount KHz + Voltage Supply O	
250 µstrain HERMAL TRANSIENT SENSIT HYSICAL CHARACTERISTIC IMENSIONS EIGHT ASE MATERIAL ONNECTOR OUNTING [2] ALIBRATION JPPLIED: DLTAGE SENSITIVITY AXIMUM TRANSVERSE SENS REQUENCY RESPONSE	s gm (oz) Microtech DR- Microtech DR- SITIVITY % % TRIAXIAL CABLE, 85°C [3]	See Outline Dr 9 (0.32) Aluminum Alloy, / 4S-4H receptacle mates with Endevco Mo Adhesive, stud, or Z-n Adhesive, stud, or Z-n 20 Hz to 4 H	Anodized Anodized del 3027A/AM3/AM4 ca nount KHz + Voltage Supply 	
250 µstrain HERMAL TRANSIENT SENSIT HYSICAL CHARACTERISTIC: IMENSIONS FEIGHT ASE MATERIAL ONNECTOR OUNTING [2] ALIBRATION UPPLIED: OLTAGE SENSITIVITY AXIMUM TRANSVERSE SENS REQUENCY RESPONSE CCESSORY odel 3027AM3 (10 ft) 'N 30908	s mV/g SITIVITY % SITIVITY % (3X BNC's at instrument ends)	See Outline DI 9 (0.32) Aluminum Alloy, / 4S-4H receptacle mates with Endevco Mon Adhesive, stud, or Z-n 20 Hz to 4 H 20 Hz to 4 H (each channel) Constant Current Source Decc	Anodized Anodized del 3027A/AM3/AM4 cal nount Hz Hz	
250 µstrain HERMAL TRANSIENT SENSIT HYSICAL CHARACTERISTIC: IMENSIONS EIGHT ASE MATERIAL ONNECTOR OUNTING [2] ALIBRATION JPPLIED: DLTAGE SENSITIVITY AXIMUM TRANSVERSE SENSITIVITY	S gm (oz) Microtech DR- Microtech DR- SITIVITY % SITIVITY % TRIAXIAL CABLE, 85°C [3] (3X BNC's at instrument ends) Z-mount, X3	See Outline Dr 9 (0.32) Aluminum Alloy, / 4S-4H receptacle mates with Endevco Mo Adhesive, stud, or Z-n Adhesive, stud, or Z-n 20 Hz to 4 H	Anodized Anodized del 3027A/AM3/AM4 cal nount KHz + Voltage Supply 	
t 250 µstrain HERMAL TRANSIENT SENSIT HYSICAL CHARACTERISTIC: IMENSIONS /EIGHT ASE MATERIAL ONNECTOR OUNTING [2] ALIBRATION UPPLIED: OLTAGE SENSITIVITY AXIMUM TRANSVERSE SENS REQUENCY RESPONSE CCESSORY odel 3027AM3 (10 ft) /N 30908 PTIONAL ACCESSORIES	S gm (oz) Microtech DR- Microtech DR- SITIVITY % SITIVITY % TRIAXIAL CABLE, 85°C [3] (3X BNC's at instrument ends) ΣZ-mount, X3 TRIAXIAL CABLE, 125°C	See Outline Dr 9 (0.32) Aluminum Alloy, 4 4S-4H receptacle mates with Endevco Mor Adhesive, stud, or Z-n 20 Hz to 4 H	Anodized Anodized del 3027A/AM3/AM4 cal nount KHz + Voltage Supply 	
250 µstrain HERMAL TRANSIENT SENSIT HYSICAL CHARACTERISTIC: MENSIONS EIGHT ASE MATERIAL DNNECTOR OUNTING [2] ALIBRATION JPPLIED: DLTAGE SENSITIVITY AXIMUM TRANSVERSE SENS REQUENCY RESPONSE CCESSORY odel 3027AM3 (10 ft) N 30908 PTIONAL ACCESSORIES odel 3027A-120 (10 ft)	s gm (oz) Microtech DR- Microtech DR- SITIVITY % SITIVITY % TRIAXIAL CABLE, 85°C [3] (3X BNC's at instrument ends) ZZ-mount, X3 TRIAXIAL CABLE, 125°C (Pigtails at instrument ends)	See Outline Dr 9 (0.32) Aluminum Alloy, 4 4S-4H receptacle mates with Endevco Moo Adhesive, stud, or Z-n 20 Hz to 4 H USOTRON (each channel) Constant Current Source Biased Output 3. Model 3027AM3 cable should only	Anodized Anodized del 3027A/AM3/AM4 cal nount Hz Voltage Supply upling acitor Unbiased Output O v be used for applica-	
250 µstrain HERMAL TRANSIENT SENSIT HYSICAL CHARACTERISTIC: MENSIONS EIGHT ASE MATERIAL DNNECTOR OUNTING [2] ALIBRATION JPPLIED: DLTAGE SENSITIVITY AXIMUM TRANSVERSE SENS REQUENCY RESPONSE CCESSORY odel 3027AM3 (10 ft) N 30908 PTIONAL ACCESSORIES odel 3027A-120 (10 ft) odel 3027AM4-120 (10 ft)	s gm (oz) Microtech DR- Microtech DR- SITIVITY % % TRIAXIAL CABLE, 85°C [3] (3X BNC's at instrument ends) Z-mount, X3 TRIAXIAL CABLE, 125°C (Pigtails at instrument ends) TRIAXIAL CABLE, 125°C	See Outline DI 9 (0.32) Aluminum Alloy, / 4S-4H receptacle mates with Endevco Moo Adhesive, stud, or Z-n 20 Hz to 4 H 20 Hz to 4 H USOTRON (each channel) USOTRON (each channel) Biased Output Biased Output Cap Biased Output Cap Cap Cap Cap Cap Cap Cap Cap	Anodized Anodized del 3027A/AM3/AM4 ca tount Hz Voltage Supply Unbiased Output Output Output Output Output	
250 µstrain HERMAL TRANSIENT SENSIT HYSICAL CHARACTERISTIC: IMENSIONS EIGHT ASE MATERIAL ONNECTOR OUNTING [2] ALIBRATION JPPLIED: DLTAGE SENSITIVITY AXIMUM TRANSVERSE SENS REQUENCY RESPONSE CCESSORY odel 3027AM3 (10 ft) 'N 30908 PTIONAL ACCESSORIES odel 3027A-120 (10 ft) odel 3027AM4-120 (10 ft)	S gm (oz) Microtech DR- Microtech DR- SITIVITY % SITIVITY % (3X BNC's at instrument ends) SZ-mount, X3 TRIAXIAL CABLE, 125°C (Pigtails at instrument ends) TRIAXIAL CABLE, 125°C (Pigtails at instrument ends) TRIAXIAL CABLE, 125°C (Transducer extension cable,	See Outline Dr 9 (0.32) Aluminum Alloy, 4 4S-4H receptacle mates with Endevco Moo Adhesive, stud, or Z-n 20 Hz to 4 H USOTRON (each channel) Constant Current Source Biased Output 3. Model 3027AM3 cable should only	Anodized Anodized del 3027A/AM3/AM4 ca tount Hz Voltage Supply Unbiased Output Output Output Output Output	
250 µstrain HERMAL TRANSIENT SENSIT HYSICAL CHARACTERISTIC: IMENSIONS EIGHT ASE MATERIAL ONNECTOR OUNTING [2] ALIBRATION JPPLIED: DLTAGE SENSITIVITY AXIMUM TRANSVERSE SENSITIVITY	s gm (oz) Microtech DR- Microtech DR- SITIVITY % % TRIAXIAL CABLE, 85°C [3] (3X BNC's at instrument ends) Z-mount, X3 TRIAXIAL CABLE, 125°C (Pigtails at instrument ends) TRIAXIAL CABLE, 125°C	See Outline DI 9 (0.32) Aluminum Alloy, / 4S-4H receptacle mates with Endevco Moo Adhesive, stud, or Z-n 20 Hz to 4 H 20 Hz to 4 H USOTRON (each channel) USOTRON (each channel) Biased Output Biased Output Cap Biased Output Cap Cap Cap Cap Cap Cap Cap Cap	Anodized Anodized del 3027A/AM3/AM4 ca aount tHz Voltage Supply uping acitor Unbiased Output ov y be used for applica- nvironment, use cable.	
t 250 µstrain HERMAL TRANSIENT SENSIT HYSICAL CHARACTERISTIC: IMENSIONS /EIGHT ASE MATERIAL ONNECTOR OUNTING [2] ALIBRATION UPPLIED: OLTAGE SENSITIVITY AXIMUM TRANSVERSE SENS REQUENCY RESPONSE CCESSORY Iodel 3027AM3 (10 ft) /N 30908 PTIONAL ACCESSORIES Iodel 3027A-120 (10 ft) 081-12	S gm (oz) Microtech DR- Microtech DR- SITIVITY % SITIVITY % (3X BNC's at instrument ends) SZ-mount, X3 TRIAXIAL CABLE, 125°C (Pigtails at instrument ends) TRIAXIAL CABLE, 125°C (Pigtails at instrument ends) TRIAXIAL CABLE, 125°C (Transducer extension cable,	See Outline Di 9 (0.32) Aluminum Alloy, 4 4S-4H receptacle mates with Endevco Moo Adhesive, stud, or Z-n 20 Hz to 4 H 20 Hz to 4 H 20 Hz to 4 H USOTRON (each channel) Current Biased Output Biased Output Cap Biased Output Cap Biased Output Cap Biased Cap Output Cap Cap Cap Cap Cap Cap Cap Cap Cap Cap	Anodized Anodized del 3027A/AM3/AM4 cal nount AHz Voltage Supply upling output	
t 250 µstrain HERMAL TRANSIENT SENSIT IMENSIONS /EIGHT ASE MATERIAL ONNECTOR OUNTING [2] ALIBRATION UPPLIED: OLTAGE SENSITIVITY IAXIMUM TRANSVERSE SENS REQUENCY RESPONSE CCESSORY lodel 3027AM3 (10 ft) /N 30908 PTIONAL ACCESSORIES lodel 3027A-120 (10 ft) lodel 3027AM4-120 (10 ft) 981-12 OTES	S gm (oz) Microtech DR- Microtech DR- SITIVITY % SITIVITY % (3X BNC's at instrument ends) SZ-mount, X3 TRIAXIAL CABLE, 125°C (Pigtails at instrument ends) TRIAXIAL CABLE, 125°C (Pigtails at instrument ends) TRIAXIAL CABLE, 125°C (Transducer extension cable,	See Outline Dr 9 (0.32) Aluminum Alloy, / 4S-4H receptacle mates with Endevco Mov Adhesive, stud, or Z-n 20 Hz to 4 H 20 Hz to 4 H USOTRON (each channel) USOTRON Constant Current Source Decc Output Biased Output 3. Model 3027AM3 cable should only tions under +85°C. For +125°C en 3027AM4 together with 3027AM3 4. Maintain high levels of precision a	Anodized Anodized del 3027A/AM3/AM4 cal nount (Hz Voltage Supply upling action Unbiased Output 	
t 250 µstrain HERMAL TRANSIENT SENSIT IMENSIONS /EIGHT ASE MATERIAL ONNECTOR OUNTING [2] ALIBRATION UPPLIED: OLTAGE SENSITIVITY IAXIMUM TRANSVERSE SENS REQUENCY RESPONSE CCESSORY lodel 3027AM3 (10 ft) /N 30908 PTIONAL ACCESSORIES lodel 3027A-120 (10 ft) lodel 3027AM4-120 (10 ft) 981-12 OTES	s gm (oz) Microtech DR- Microtech DR- SITIVITY % SITIVITY % TRIAXIAL CABLE, 85°C [3] (3X BNC's at instrument ends) Z-mount, X3 TRIAXIAL CABLE, 125°C (Pigtails at instrument ends) TRIAXIAL CABLE, 125°C (Pigtails at instrument ends) TRIAXIAL CABLE, 125°C (Transducer extension cable, mates with Model 3027AM3)	See Outline Dr 9 (0.32) Aluminum Alloy, 4 4S-4H receptacle mates with Endevco Mo Adhesive, stud, or Z-n 20 Hz to 4 H (each channel) Constant (each channel) Constant Current Biased Output 3. Model 3027AM3 cable should only tions under +85°C. For +125°C en 3027AM4 together with 3027AM3 4. Maintain high levels of precision a Endevco's factory calibration servi	Anodized Anodized del 3027A/AM3/AM4 cal nount (Hz - Voltage Supply 	
t 250 µstrain HERMAL TRANSIENT SENSIT IMENSIONS /EIGHT ASE MATERIAL ONNECTOR IOUNTING [2] ALIBRATION UPPLIED: OLTAGE SENSITIVITY IAXIMUM TRANSVERSE SENS REQUENCY RESPONSE CCESSORY lodel 3027AM3 (10 ft) /N 30908 PTIONAL ACCESSORIES lodel 3027A-120 (10 ft) lodel 3027AM4-120 (10 ft) 981-12 OTES 1. Frequency response of the	s gm (oz) Microtech DR- Microtech DR- SITIVITY % SITIVITY % (3X BNC's at instrument ends) SZ-mount, X3 TRIAXIAL CABLE, 125°C (Pigtails at instrument ends) TRIAXIAL CABLE, 125°C (Pigtails at instrument ends) TRIAXIAL CABLE, 125°C (Transducer extension cable, mates with Model 3027AM3) e unit will be limited to 1kHz when the	See Outline Dr 9 (0.32) Aluminum Alloy, 4 4S-4H receptacle mates with Endevco Mo Adhesive, stud, or Z-n 20 Hz to 4 H 20 Hz to 4 H UsoTRON (each channel) Constant Current Source Biased Output 3. Model 3027AM3 cable should only tions under +85°C. For +125°C et 3027AM4 together with 3027AM3 4. Maintain high levels of precision a Endevco's factory calibration servi inside sales force at 800-982-6732	Anodized Anodized del 3027A/AM3/AM4 cal action white white voltage Supply white	
t 250 µstrain HERMAL TRANSIENT SENSIT HYSICAL CHARACTERISTIC: IMENSIONS /EIGHT ASE MATERIAL ONNECTOR OUNTING [2] ALIBRATION UPPLIED: OLTAGE SENSITIVITY AXIMUM TRANSVERSE SENS REQUENCY RESPONSE CCESSORY lodel 3027AM3 (10 ft) /N 30908 PTIONAL ACCESSORIES lodel 3027A-120 (10 ft) odel 3027AM4-120 (10 ft) 381-12 OTES 1. Frequency response of the \$Z-mount is used. 2. Stud mounting of triaxial action	s gm (oz) Microtech DR- Microtech DR- SITIVITY % SITIVITY % (3X BNC's at instrument ends) SZ-mount, X3 TRIAXIAL CABLE, 125°C (Pigtails at instrument ends) TRIAXIAL CABLE, 125°C (Pigtails at instrument ends) TRIAXIAL CABLE, 125°C (Transducer extension cable, mates with Model 3027AM3) e unit will be limited to 1kHz when the	See Outline DI 9 (0.32) Aluminum Alloy, 4 4S-4H receptacle mates with Endevco Moo Adhesive, stud, or Z-n 20 Hz to 4 H 20 Hz to 4 H 20 Hz to 4 H 20 Hz to 4 H 3. Model 3027AM3 cable should only tions under +85°C. For +125°C er 3027AM4 together with 3027AM3 4. Maintain high levels of precision a Endevco's factory calibration servi inside sales force at 800-982-6733 intervals, pricing and turn-around f	Anodized Anodized del 3027A/AM3/AM4 cal action white white voltage Supply white	
t 250 µstrain HERMAL TRANSIENT SENSIT HYSICAL CHARACTERISTIC: IMENSIONS //EIGHT ASE MATERIAL ONNECTOR OUNTING [2] ALIBRATION UPPLIED: OLTAGE SENSITIVITY AXIMUM TRANSVERSE SENS REQUENCY RESPONSE CCESSORY Iodel 3027AM3 (10 ft) /N 30908 PTIONAL ACCESSORIES Iodel 3027A-120 (10 ft) 00del 3027AM4-120 (10 ft) 081-12 OTES 1. Frequency response of the \$Z-mount is used. 2. Stud mounting of triaxial ad recommended due to the C	gm (oz)   Microtech DR-   SITIVITY   %   TRIAXIAL CABLE, 85°C [3]   (3X BNC's at instrument ends)   ¥Z-mount, X3   TRIAXIAL CABLE, 125°C   (Pigtails at instrument ends)   TRIAXIAL CABLE, 125°C   (Pigtails at instrument ends)   TRIAXIAL CABLE, 125°C   (Transducer extension cable, mates with Model 3027AM3)   e unit will be limited to 1kHz when the cocelerometer is generally not	See Outline DI 9 (0.32) Aluminum Alloy, 4 4S-4H receptacle mates with Endevco Moo Adhesive, stud, or Z-n 20 Hz to 4 H 20 Hz to 4 H 20 Hz to 4 H 20 Hz to 4 H 3. Model 3027AM3 cable should only tions under +85°C. For +125°C er 3027AM4 together with 3027AM3 4. Maintain high levels of precision a Endevco's factory calibration servi inside sales force at 800-982-6733 intervals, pricing and turn-around f	Anodized Anodized del 3027A/AM3/AM4 cal action white white voltage Supply white	
t 250 µstrain HERMAL TRANSIENT SENSIT HYSICAL CHARACTERISTIC: IMENSIONS FEIGHT ASE MATERIAL ONNECTOR OUNTING [2] ALIBRATION UPPLIED: OLTAGE SENSITIVITY AXIMUM TRANSVERSE SEN: REQUENCY RESPONSE CCESSORY odel 3027AM3 (10 ft) 'N 30908 PTIONAL ACCESSORIES odel 3027A-120 (10 ft) odel 3027AM4-120 (10 ft) 381-12 OTES 1. Frequency response of the \$Z-mount is used. 2. Stud mounting of triaxial ac recommended due to the of adhesives, such as hot-me	gm (oz)   Microtech DR-   SITIVITY   %   TRIAXIAL CABLE, 85°C [3] (3X BNC's at instrument ends)   Z-mount, X3   TRIAXIAL CABLE, 125°C (Pigtails at instrument ends)   TRIAXIAL CABLE, 125°C (Pigtails at instrument ends)   TRIAXIAL CABLE, 125°C (Transducer extension cable, mates with Model 3027AM3)   e unit will be limited to 1kHz when the coelerometer is generally not lifficulty in X-Y alignment. Various	See Outline DI 9 (0.32) Aluminum Alloy, 4 4S-4H receptacle mates with Endevco Moo Adhesive, stud, or Z-n 20 Hz to 4 H 20 Hz to 4 H 20 Hz to 4 H 20 Hz to 4 H 3. Model 3027AM3 cable should only tions under +85°C. For +125°C er 3027AM4 together with 3027AM3 4. Maintain high levels of precision a Endevco's factory calibration servi inside sales force at 800-982-6733 intervals, pricing and turn-around f	Anodized Anodized del 3027A/AM3/AM4 cal action white white voltage Supply white	

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.

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