NEW FROM PCB PIEZOTRONICS

(Including ENDEVCO Product Line)
ACCELEROMETERS FOR SHOCK & VIBRATION MEASUREMENTS

TRIAXIAL, LIGHTWEIGHT, MINIATURE, ADHESIVE MOUNT, CERAMIC SHEAR ICP® ACCELEROMETER
MODEL 356A06 & 356A06/NC
- Sensitivity: 5 mV/g
- Measurement Range: ±1000 g pk
- Electrical Connector: 8-36 4-Pin
- Removable cable for easy field serviceability

TRIAXIAL, LIGHTWEIGHT, MINIATURE, ADHESIVE MOUNT, CERAMIC SHEAR ICP® ACCELEROMETERS
MODEL 356A09 & 356A09/NC
- Sensitivity: 10 mV/g
- Measurement Range: ±500 g pk
- Electrical Connector: 8-36 4-Pin
- Removable cable for easy field serviceability

MODAL ARRAY, CERAMIC SHEAR ICP® ACCELEROMETER
MODEL 333A22
- Sensitivity: 10 mV/g
- Measurement Range: 500 g pk
- Spectral Noise (1 Hz): 60 µg/√Hz
ICP® TRIAXIAL SHOCK ACCELEROMETER
MODEL 350B41 & 350B41/NC
- Sensitivity: 0.05 mV/g
- Measurement Range: ±100,000 g pk
- Overload Limit (Shock): ±150,000 g pk
- Mechanically Isolated & Electrically Filtered

ICP® TRIAXIAL SHOCK ACCELEROMETER
MODEL 350B42 & 350B42/NC
- Sensitivity: 0.1 mV/g
- Measurement Range: ±50,000 g pk
- Overload Limit (Shock): ±150,000 g pk
- Mechanically Isolated & Electrically Filtered

ICP® ACCELEROMETER WITH TEDS AND LOW TEMPERATURE COEFFICIENT
MODEL TLD339A37 & TLD339A37/NC
- Sensitivity: 100 mV/g
- Measurement Range: ±50 g pk
- Temperature Range: -65 to 356 °F (-54 to 180 °C)

HIGH TEMPERATURE, TRIAXIAL ICP® ACCELEROMETER, WITH TEDS 1.0
MODEL HT356A44
- Sensitivity: 50 mV/g
- Measurement Range: ±100 g pk
- Frequency Range: 9.0 to 10,000 Hz
- Temperature Range: -65 to 325 °F (-54 to 163 °C)

PCB PIEZOTRONICS
AN AMPHENOL COMPANY
CONNECTORS & CABLE ASSEMBLIES

HIGH TEMPERATURE TRIAX CABLE ASSEMBLY
MODEL 010S10 – 10 FT
- -76 to 392 °F (-60 to 200 °C), sensor end only
- 1/4-28 4-socket plug to (3) BNC plugs
- Shielded, 4 conductor, Blue FEP Jacket

SHIELD GROUNDED TRIPLE SPLICE ASSEMBLY
MODEL NV
- Coax shield bridged across triple splice connection
- (3) 10-32 plugs
- -67 to 230 °F (-55 to 110 °C)

HIGH TEMPERATURE 1/4-28 4-SOCKET CONNECTOR
RJ CONNECTOR
- -76 to +392 °F (-60 to 200 °C)
- For use with 010, 019, 034, 036 & 068 cable
- Low outgassing

5-SOCKET M12 CONNECTOR
MODEL SJ
- Single axis pinout when assembled by factory
- Field Installable
- -40 to 185 °F (-40 to 85 °C)
MICROPHONES FOR ACOUSTIC MEASUREMENTS

RUGGED GRID CAP FOR 1/2” DIAMETER HIGH SENSITIVITY MICROPHONES
MODEL 079A52
- Provides added protection for microphone diaphragm
- Use on any 1/2” high sensitivity microphone
- Justifiable low cost accessory for free-field, random incidence

PHANTOM POWERED PREAMPLIFIER FOR TEST & MEASUREMENT MICROPHONES
MODEL 426A14
- 12V, 24V, & 48V compatible
- Works with 1/4” and 1/2” prepolarized microphones
- Uses audio XLR connector

PRESSURE SENSORS FOR RESEARCH & DEVELOPMENT

HIGH TEMPERATURE PRESSURE SENSOR WITH UHT-12™ CRYSTAL
MODEL 176A31
- Measurement Range: 3000 psi (206.8 bar)
- Temperature Range: -94 to 1400 °F (-70 to 760 °C)
- Sensitivity: 6 pC/psi (87 pC/bar)
- Proprietary crystal technology eliminates pyroelectric noise spikes

134 grams
SENSORS FOR POWER GENERATION EQUIPMENT

1200 °F (649 °C) SINGLE-ENDED CHARGE OUTPUT ACCELEROMETER WITH UHT-12™ ELEMENT
MODELS EX357E90, 91, 92, 93
- Sensitivity: 5.0 pC/g (90, 91)
  2.3 pC/g (92, 93)
- Measurement Range: ±1000 g pk
- Frequency Range: Up to 3 kHz

1200 °F (649 °C) DIFFERENTIAL CHARGE OUTPUT ACCELEROMETER WITH UHT-12™ ELEMENT
MODELS EX357A94, 95
- Sensitivity: 3.3 pC/g
- Measurement Range: ±1000 g pk
- Frequency Range: Up to 3 kHz

DIFFERENTIAL CHARGE AMPLIFIER FOR VIBRATION AND PRESSURE SENSORS
MODELS 421B30, 31, 3X
- Sensitivity: Configurable
- Output: Voltage and current
- Maximum Output: ±5 V pk or ±5 mA pk
SENSORS FOR MACHINERY HEALTH MONITORING

CRYOGENIC, INDUSTRIAL, QUARTZ SHEAR ICP® ACCELEROMETER
MODEL 638A06 & EX638A06
- Sensitivity: 25 mV/g
- Measurement Range: ±200 g
- Frequency Range: 4 to 1500 Hz
- EX638A06 for use in hazardous locations

LOW PROFILE, INDUSTRIAL, CERAMIC ICP® ACCELEROMETER WITH M12 CONNECTOR
MODEL 602D91
- Sensitivity: 100 mV/g
- Measurement Range: ±50 g
- Frequency Range: 0.5 to 8000 Hz

LOW COST, INDUSTRIAL, CERAMIC ICP® ACCELEROMETER WITH M12 CONNECTOR
MODEL 603C91
- Sensitivity: 100 mV/g
- Measurement Range: ±50 g
- Frequency Range: 0.5 to 10,000 Hz
ACCELEROMETERS FOR SHOCK MEASUREMENTS

DAMPED SINGLE AXIS SHOCK ACCELEROMETER (SMT MOUNT) MODEL 72-2K
- 2K, 20K and 60K g ranges
- Lightly damped to attenuate resonance
- DC response
- Minimal zero shift after shock
- Miniature SMT package (0.16 grams)
- High overrange capability
- Integral ESD protection

UNDAMPED TRIAXIAL SHOCK ACCELEROMETER MODEL 7274A
- 2K, 6K, 20K and 60K g full scale ranges
- High resonance frequency
- Rugged to 3X full scale range
- No damping for fast response time
- Improved cable to minimize shock induced noise

DAMPED TRIAXIAL SHOCK ACCELEROMETER MODEL 7284A
- 2K, 20K and 60K g full scale ranges
- Lightly damped for exceptional survivability
- DC response
- Low power consumption
- Improved cable to minimize shock induced noise
RUGGED CRASH TEST ACCELEROMETERS
MODELS 701AH-701FH
- High sensitivity, 0.3mV/g
- Multi-mode gas damping
- Flat frequency response
- Rugged housing and cable with 28 AWG conductors
- Survives up to 10,000 g’s shock

MINIATURE CRASH TEST ACCELEROMETERS
MODELS 757AH-757FH
- High sensitivity, 0.3 mV/g
- Multi-mode gas damping
- Miniature for tight spaces
- DC response
- Survives up to 10,000 g’s shock

ADHESIVE MOUNT CRASH TEST ACCELEROMETER
MODEL 758H
- High sensitivity, 0.3 mV/g
- Multi-mode gas damping
- Adhesive mount on any side
- Rugged housing and cable with 28 AWG conductors
- Survives up to 10,000 g’s shock
ACCELEROMETERS FOR MOTION MEASUREMENTS

SIX DEGREES OF FREEDOM SENSOR
MODEL 7360A

- Three axes of acceleration and three axes of angular rate
- DC response with analog output
- Compact package with two 12 conductor cables
- Rugged to 5,000 g shock
- Request 7360AM1 for 5V operation

ANGULAR RATE SENSOR
MODEL 7310A

- Ranges of 100, 500, 1500, 6K, 8K, 12K, and 18K deg/sec
- Up to 2000 Hz bandwidth
- Weighs less than 3 grams
- Operates with 5 to 16V input
SIGNAL CONDITIONER

SINGLE CHANNEL BRIDGE SIGNAL CONDITIONER
MODEL 4418

- Portable compact size
- Selectable gain of 1, 10 or 100
- ZMO adjustment
- Battery operated with rechargeable Lithium Ion battery
- Compatible with Endevco piezoresistive (PR) and variable capacitance (VC) accelerometers