NEW FROM
PCB PIEZOTRONICS
(Including Endevco Product Line)
ACCELEROMETERS FOR SHOCK & VIBRATION MEASUREMENTS

TRIAXIAL HIGH FREQUENCY ICP® ACCELEROMETER WITH TEDS
MODELS 356A19 & 356A19/NC

- Sensitivity: 10 mV/g (1.02 mV/(m/s²))
- Measurement range: ±500 g pk (±4905 m/s² pk)
- Extended frequency range: 1 to 13,000 Hz (±5%)
- Size: 0.4 in (10.2 mm) cube
- Integral cable with 1/4-28, 4-pin electrical connector

IECEx

CASE ISOLATED TRIAXIAL ICP® ACCELEROMETER WITH TEDS
MODELS 354B04 & 354B05

- Sensitivities: 10 mV/g (1.02 mV/(m/s²)), 100 mV/g (10.2 mV/(m/s²))
- Measurement ranges: ±500 g pk (±4905 m/s² pk), ±50 g pk (±491 m/s² pk)
- Extended frequency range: 0.4 to 10,000 Hz (±5%)
- 1/4-28, 4-pin electrical connector

TRIAXIAL MEMS DC RESPONSE ACCELEROMETER
SERIES 3743F

- Available in six sensitivities from 1350 mV/g to 13.5 mV/g
- Available in six measurement ranges from ±2 to ±200 g
- Differential output provides common mode noise rejection
- Hermetically sealed with 9-pin electrical connector

MINIATURE ICP® TRIAXIAL ACCELEROMETER WITH TEDS
SERIES TLD356A01 & TLD356A03

- Sensitivities: 5 mV/g (0.51 mV/(m/s²)) / 10 mV/g (1.02 mV/(m/s²))
- Measurement ranges: ±1000 g pk (±9810 m/s² pk) / ±500 g pk (±4905 m/s² pk)
- Electrical Connector: Integral Cable
- TEDS 1.0
MICROPHONES FOR ACOUSTIC MEASUREMENTS

1/2" INTRINSICALLY SAFE, FREE-FIELD ICP® MICROPHONE AND AMPLIFIER
MODEL EX378B02

- Frequency range: (±2dB) 3.75 to 20,000 Hz
- Dynamic range: 15.5 dBA to 137 dB
- ATEX, IECEx, and ETL C/US approvals
- Enhanced mining approvals added

1/2" RUGGED ICP® MICROPHONE SYSTEMS
MODELS 379A12 & 379A13

- Dynamic range: 15.5 dBA to 137 dB
- Extends life of the microphone
- Available in free-field or random incidence
- Components available for individual purchase
PRESSURE SENSORS FOR RESEARCH & DEVELOPMENT

CRYOGENIC ICP® PRESSURE SENSOR
MODELS 102B10, 11, 13, 14

- Measurement ranges: 100 psi (690 kPa), 200 psi (1379 kPa), 1 kpsi (6895 kPa), 10 kpsi (68950 kPa)
- Temperature range: -320 to +212 °F (-196 to +100 °C)
- Sensitivities: 50 mV/psi, 5.0 mV/psi, 1.0 mV/psi, 0.5 mV/psi

FREE-FIELD, QUARTZ ICP® BLAST PRESSURE PENCIL PROBE
MODEL 137B29B

- Measurement range: 25 psi (173 kPa)
- Temperature range: -100 to +275 °F (-73 to +135 °C)
- Sensitivity: 200 mV/psi (29 mV/kPa)
- Micro-second rise time with resonant frequency above 400k Hz

UHT-12™ CHARGE OUTPUT PRESSURE SENSOR
MODEL 176A07

- Temperature range: -94 to +1418 °F (-70 to 770 °C)
- Sensitivity (±20%): 7pC/psi (101.5 pC/bar)
- Acceleration sensitivity: ≤ 0.01 psi/g (0.007 kPa/(m/s²))

PCB PIEZOTRONICS
AN AMPHENOL COMPANY
FORCE SENSORS FOR RESEARCH & DEVELOPMENT

LOW-PROFILE QUARTZ ICP® FORCE RING
MODEL 201B76

- Sensitivity: 1 mV/lb (224.8 mV/kN)
- Measurement range: 5000 lb (22.24 kN)
- Low-profile (0.2 in (5 mm))
- 5-44 electrical connector

GROUND ISOLATED TRIAXIAL ICP® FORCE LINK
MODELS (M)261B01, 02, 03

- Sensitivities (Z axis): 0.25 mV/lb (0.06 mV/N) to 2.5 mV/lb (0.56 mV/N)
- Sensitivities (X or Y axis): 1.5 mV/lb (0.28 mV/N) to 10 mV/lb (2.25 mV/N)
- Measurement ranges (Z axis): 1000 lb (4.45 kN) to 10,000 lb (44.5 kN)
- Measurement ranges (X or Y axis): 500 lb (2.22 kN) to 4000 lb (17.79 kN)
- Temperature range: -65 to +250 °F (-54 to +121 °C)

GROUND ISOLATED TRIAXIAL CHARGE MODE FORCE LINK
MODELS (M)261B11, 12, 13

- Sensitivity (Z axis): 15 pC/lb
- Sensitivity (X or Y axis): 32 pC/lb
- Measurement ranges (Z axis): 1000 lb (4.45 kN) to 10,000 lb (44.5 kN)
- Measurement ranges (X or Y axis): 500 lb (2.22 kN) to 4000 lb (17.79 kN)
- Temperature range: -100 to +350 °F (-73 to +177 °C)
SENSORS FOR MACHINERY HEALTH MONITORING

4-20 mA VELOCITY TRANSMITTERS
MODELS 655A9X & 656A9X

- Measurement ranges: 0.0 to 0.5 in/sec rms (0.0 to 12.7 mm/s rms), 0.0 to 1 in/sec rms (0.0 to 25.4 mm/s rms), 0.0 to 2 in/sec rms (0.0 to 50.8 mm/s rms)
- Increased frequency response of 3.5 to 2 kHz
- Temperature range: -40 to 221 °F (-40 to 105 °C)

CERAMIC SHEAR ICP® ACCELEROMETERS WITH INTEGRAL POLYURETHANE CABLE
MODELS RTD602D91 & RTD602D11

- Dual output vibration & resistance temperature detector
- Sensitivity (±10%): 100 mV/g (10.2 mV/(m/s²))
- Measurement range: ±50 g (±490 m/s²)
- Single-point ISO 17025 accredited calibration
CONNECTORS & CABLE ASSEMBLIES

TEN-CONDUCTOR SHIELDED CABLE ASSEMBLY
MODELS 037G05, 10, 20, 30

- Labeled for use with PCB Series 3743
- Temperature range: -31 to +250 °F (-35 to +121 °C)
- 9-socket plug to pigtail leads
- Configurable lengths available

CABLE CONNECTOR
MODEL NU

- Labeled for use with PCB Series 3743
- Temperature range: -58 to +250 °F (-50 to +121 °C)
- Tinned pigtail leads with cross-linked polyolefin heat shrink

SEXTUPLE SPLICE CABLE CONNECTOR
MODEL SL

- Labeled for use with PCB Series 3713
- Temperature range: -67 to +230 °F (-55 to +110 °C)
- (3) BNC plugs and (3) pigtail leads
- Maintains sensor case isolation

FLEXIBLE FOUR-CONDUCTOR SHIELDED CABLE ASSEMBLY
ENDEVCO MODEL 3915

- Suitable for use with Endevco and PCB sensors
- Temperature range: -76 to 250 °F (-160 to 121 °C)
- 1/4-28, 4-socket connector with tinned, pigtail leads
- Designed for high-shock environments

HIGH STRENGTH FOUR-CONDUCTOR CABLE ASSEMBLY
ENDEVCO MODEL 3027B

- Suitable for use with Endevco and PCB sensors
- Temperature range: -148 to 257 °F (-100 to 125 °C)
- 1/4-28, 4-socket plug with tinned, pigtail leads
- Flexible silicone jacket