



NEW FROM PCB PIEZOTRONICS

(Including **Endevco** Product Line)



ACCELEROMETERS FOR SHOCK & VIBRATION MEASUREMENTS

CE



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

CE



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

CE



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

CE



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

CE



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

MODEL EX378B02

Frequency range: (± 2 dB) 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

CE



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

CE



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

CE



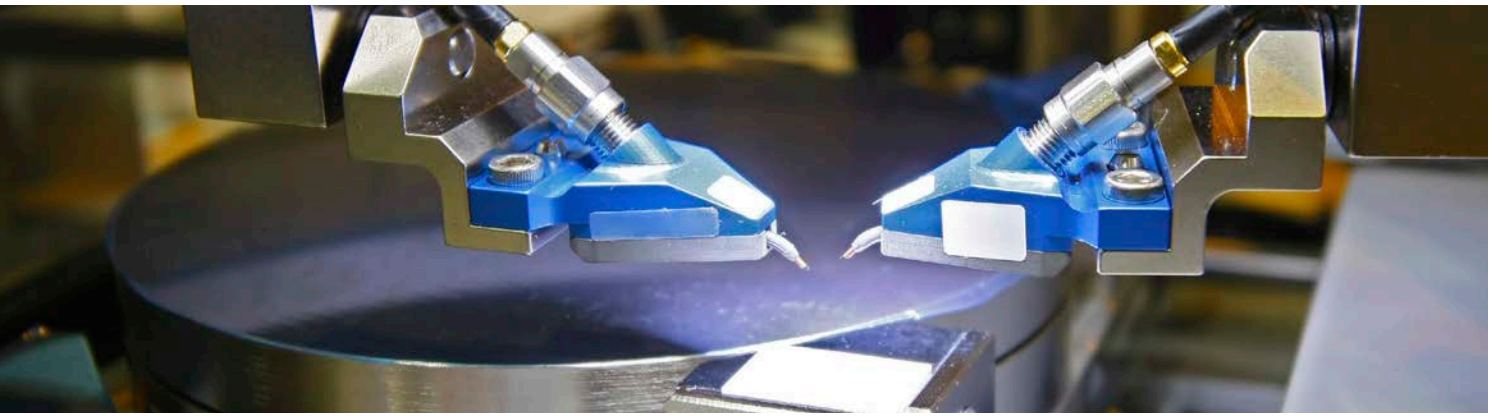
UHT-12™ CHARGE OUTPUT PRESSURE SENSOR

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))



FORCE SENSORS FOR RESEARCH & DEVELOPMENT

CE



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

CE



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)

CE



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

CE



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)

CE



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



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