PLATINUM STOCK SENSORS
At PCB®, we don’t just know the sensor business; we pioneered ICP® technology. For over 50 years, every sensor design and assembly is subjected to tight in-house inspection and quality control. That’s why we have impeccable product performance and longevity, the expectation our customers have for every PCB sensor.

Platinum Stock Sensors program is one of the ways we live up to our Total Customer Satisfaction guarantee. Driven by customer demand, these sensors are the best fit for typical R&D, product testing, and industrial monitoring applications. Platinum Stock Sensors ship fast and are backed by a lifetime warranty - if you are not 100% satisfied, simply send them back. We’ll repair or replace them, guaranteed. No questions asked!

**VOLUME DISCOUNTS**

<table>
<thead>
<tr>
<th>Discount</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>5%</td>
<td>10-24 Units</td>
</tr>
<tr>
<td>10%</td>
<td>25-99 Units</td>
</tr>
<tr>
<td>15%</td>
<td>100+ Units</td>
</tr>
</tbody>
</table>
GENERAL PURPOSE ICP® ACCELEROMETERS

MODEL 352C03
- 10 mV/g (1.02 mV/ (m/s²)), 0.5 to 10 kHz
- 10-32 side connector
- Ceramic shear

MODEL 353B03
- 10 mV/g (1.02 mV/ (m/s²)), 1 to 7 kHz
- 10-32 side connector
- Quartz shear

HIGH SENSITIVITY ICP® ACCELEROMETERS

MODEL 352C33
- 100 mV/g (10.2 mV/ (m/s²)), 0.5 to 10 kHz
- 10-32 side connector
- Ceramic shear

MODEL 353B33
- 100 mV/g (10.2 mV/ (m/s²)), 1 to 4 kHz
- 10-32 side connector
- Quartz shear

MODEL 352C04
- 10 mV/g (1.02 mV/ (m/s²)), 0.5 to 10 kHz
- 10-32 top connector
- Ceramic shear

MODEL 353B04
- 10 mV/g (1.02 mV/ (m/s²)), 1 to 7 kHz
- 10-32 top connector
- Quartz shear

MODEL 352C34
- 100 mV/g (10.2 mV/ (m/s²)), 0.5 to 10 kHz
- 10-32 top connector
- Ceramic shear

MODEL 353B34
- 100 mV/g (10.2 mV/ (m/s²)), 1 to 4 kHz
- 10-32 top connector
- Quartz shear
HIGH SENSITIVITY ICP® TRIAXIAL ACCELEROMETERS

MODEL 356A15
- 100 mV/g (10.2 mV/(m/s²)), 2 to 5 kHz
- 1/4-28 4-pin connector
- Ceramic shear
- Titanium housing

MODEL 356A16
- 100 mV/g (10.2 mV/(m/s²)), 0.5 to 5 kHz
- 1/4-28 4-pin connector
- Ceramic shear
- Aluminum housing

MODEL 356A17
- 500 mV/g (51 mV/(m/s²)), 0.5 to 3 kHz
- 1/4-28 4-pin connector
- Ceramic shear
- Aluminum housing

MODEL 356B18
- 1000 mV/g (102 mV/(m/s²)), 0.5 to 3 kHz
- 1/4-28 4-pin connector
- Ceramic shear
- Aluminum housing
HIGH TEMPERATURE CHARGE OUTPUT ACCELEROMETER
MODEL 357B03
- 10 pC/g (1.02 pC/(m/s²)), 9 kHz
- 10-32 side connector
- Ceramic shear
- -95 °F to +500 °F (-71 °C to + 260 °C)

GENERAL PURPOSE ICP® TRIAXIAL ACCELEROMETERS
MODEL 356A02
- 10 mV/g (1.02 mV/(m/s²)), 1 to 5 kHz
- 1/4-28 4-pin connector
- Ceramic shear
- Titanium housing

MODEL 356A25
- 25 mV/g (2.6 mV/(m/s²)), 1 to 5 kHz
- 1/4-28 4-pin connector
- Ceramic shear
- Titanium housing

MINIATURE ICP® TRIAXIAL ACCELEROMETERS WITH TEDS
MODEL 356A43
- 10 mV/g (1.02 mV/(m/s²)), 0.7 Hz to 7 kHz
- 1/4-28 4-pin connector
- Titanium housing
- 0.4 in (10.2 mm) cube

MODEL 356A44
- 50 mV/g (5.1 mV/(m/s²)), 0.7 Hz to 7 kHz
- 1/4-28 4-pin connector
- Titanium housing
- 0.4 in (10.2 mm) cube

MODEL 356A45
- 100 mV/g (10.2 mV/(m/s²)), 0.7 Hz to 7 kHz
- 1/4-28 4-pin connector
- Titanium housing
- 0.4 in (10.2 mm) cube
MINIATURE ICP® ACCELEROMETERS

 MODELS 352C23 & 352C23/NC
- 5 mV/g (0.5 mV/(m/s²)), 2 to 10 kHz (0.2 gm)
- 3-56 side connector
- Ceramic shear
- Aluminum housing

 MODEL 352A73
- 5 mV/g (0.5 mV/(m/s²)), 2 to 10 kHz (0.3 gm)
- 10-ft (3 mm) Integral cable
- Ceramic shear
- Titanium housing

 MODELS 352C65 & M352C65 (5-40 UNF) & (M3 X 0.5)
- 100 mV/g (10.2 mV/(m/s²)), 0.5 to 10 kHz (2 gm)
- 5-44 side connector
- Ceramic shear
- Titanium housing

*NC Models do not include an extension cable.
MINIATURE ICP® TRIAXIAL ACCELEROMETERS

MODELS 356A01 & 356A01/NC
- 5 mV/g (0.51 mV/(m/s²)), 2 to 5 kHz (1.0 gm)
- 5-ft (1.5-m) integral cable plus 5-ft (1.5 m) extension cable w/BNC plug termination
- Ceramic shear
- +250 °F (121 °C) operating temperature
- 0.25 in (6.35 mm) cube, titanium housing

MODELS 356A03 & 356A03/NC
- 10 mV/g (1.02 mV/(m/s²)), 2 to 5 kHz (1.0 gm)
- 5-ft (1.5-m) integral cable plus 5-ft (1.5 m) extension cable w/BNC plug termination
- Ceramic shear
- +250 °F (121 °C) operating temperature
- 0.25 in (6.35 mm) cube, titanium housing

MODELS HT356B01 & HT356B01/NC
- Same as 356A01 with +356 °F (180 °C) operating temperature

MODELS 356B21 & 356B21/NC
- 10 mV/g (1.02 mV/(m/s²)), 2 to 7 kHz (4 gm)
- 10-ft (3-m) cable
- Mini 8-36 4-pin connector
- +250 °F (121 °C) operating temperature
- Titanium housing

MODELS 356A33
- 10 mV/g (1.02 mV/(m/s²)), 2 to 7 kHz (5.3 gm)
- 1/4-28 4-pin connector
- Ceramic shear
- Titanium housing

MODELS 356A32 & 356A32/NC
- 100 mV/g (10.2 mV/(m/s²)), 1 to 4 kHz (5.4 gm)
- 10-ft (3-m) cable
- Mini 8-36 4-pin connector
- Titanium housing

MODELS HT356B21 & HT356B21/NC
- Same as 356B21 with +325 °F (163 °C) operating temperature
MODAL ARRAY ICP® ACCELEROMETER
MODEL 333B30
- 100 mV/g (10.2 mV/(m/s²)), 0.5 to 3 kHz
- 10-32 side connector
- Ceramic shear
- 5-40 stud mount

MODAL ARRAY ICP® ACCELEROMETER
MODEL 333B40
- (±10%) 500 mV/g (51.0 mV/(m/s²)), 0.5 to 3 kHz
- 10-32 side connector
- Ceramic shear
- 5-40 stud mount

MODAL ARRAY ICP® ACCELEROMETER
MODEL 333B50
- 1000 mV/g (10.2 mV/(m/s²)), 0.5 to 3 kHz
- 10-32 side connector
- Ceramic shear
- 5-40 stud mount

MODALLY TUNED® ICP® IMPACT HAMMER
MODEL 086C03
- 10 mV/lbf (2.2 mV/N)
- 0 to 500 lbf pk
- Variety of impact tips & extender mass included
MEMS DC RESPONSE ACCELEROMETERS

MODEL 3711F1110G
- 135 mV/g (13.8 mV/(m/s²)), 0 to 1000 Hz
- 4-pin connector
- ±10 g range
- Titanium housing

MODEL 3711F1130G
- 45 mV/g (4.59 mV/(m/s²)), 0 to 1500 Hz
- 4-pin connector
- ±30 g range
- Titanium housing

MODEL 3711F1150G
- 27 mV/g (2.8 mV/(m/s²)), 0 to 1500 Hz
- 4-pin connector
- ±50 g range
- Titanium housing

MEMS DC RESPONSE TRIAXIAL ACCELEROMETERS

MODEL 3713F1110G
- 135 mV/g (13.8 mV/(m/s²)), 0 to 1000 Hz
- 9-pin connector
- ±10 g range
- Titanium housing

MODEL 3713F1130G
- 45 mV/g (4.59 mV/(m/s²)), 0 to 1500 Hz
- 9-pin connector
- ±30 g range
- Titanium housing

MODEL 3713F1150G
- 27 mV/g (2.8 mV/(m/s²)), 0 to 1500 Hz
- 9-pin connector
- ±50 g range
- Titanium housing
### GENERAL PURPOSE ICP® FORCE SENSORS

**MODEL 208C01**
- 500 mV/lb (112410 mV/kN)
- 10 lb (0.04448 kN) compression
- 10 lb (0.04448 kN) tension

**MODEL 208C02**
- 50 mV/lb (11241 mV/kN)
- 100 lb (0.4448 kN) compression
- 100 lb (0.4448 kN) tension

**MODEL 208C03**
- 10 mV/lb (2248 mV/kN)
- 500 lb (2.224 kN) compression
- 500 lb (2.224 kN) tension

**MODEL 208C04**
- 5 mV/lb (1124 mV/kN)
- 1k lb (4.448 kN) compression
- 500 lb (2.224 kN) tension

**MODEL 208C05**
- 1 mV/lb (224.82 mV/kN)
- 5k lb (22.24 kN) compression
- 500 lb (2.224 kN) tension

### HIGH FREQUENCY ICP® PRESSURE SENSORS WITH ACCELERATION COMPENSATION

**MODEL 113B21**
- 25 mV/psi (3.6 mV/kPa)
- Resonant frequency ≥ 500 kHz
- 200 psi (1379 kPa) range

**MODEL 113B22**
- 1 mV/psi (0.145 mV/kPa)
- Resonant frequency ≥ 500 kHz
- 5000 psi (34475 kPa) range

**MODEL 113B24**
- 5 mV/psi (0.725 mV/kPa)
- Resonant frequency ≥ 500 kHz
- 1000 psi (6895 kPa) range

**MODEL 113B26**
- 10 mV/psi (1.45 mV/kPa)
- Resonant frequency ≥ 500 kHz
- 500 psi (3450 kPa) range

**MODEL 113B28**
- 100 mV/psi (14.5 mV/kPa)
- Resonant frequency ≥ 500 kHz
- 50 psi (344.7 kPa) range
ICP® SENSOR SIGNAL CONDITIONERS

MODEL 480C02
- 1-channel
- Battery-powered
- Unity gain
- BNC input/output connector

MODEL 482C05
- 4-channel
- Line-powered
- Unity gain
- BNC input/output connector

MODEL 482C15
- 4-channel
- Line-powered
- x1, x10, x100 gain
- BNC input/output connector

HANDHELD SHAKER
MODEL 394C06
- 1g at 159.2 Hz (for up to 210 grams total weight of sensor, cable and mounting accessories)
**STOCK CABLES FOR TEST PRODUCTS**

Stock Cables are available for immediate shipment but are not covered under Platinum Stock Sensors Lifetime Warranty

**COAXIAL CABLE ASSEMBLIES**

<table>
<thead>
<tr>
<th>Base Model</th>
<th>1 ft (0.3 m)</th>
<th>3 ft (0.9 m)</th>
<th>5 ft (1.5 m)</th>
<th>10 ft (3.0 m)</th>
<th>20 ft (6.1 m)</th>
<th>30 ft (9.1 m)</th>
<th>50 ft (15.2 m)</th>
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</thead>
<tbody>
<tr>
<td><strong>002C</strong></td>
<td>–</td>
<td>03</td>
<td>05</td>
<td>10</td>
<td>20</td>
<td>30</td>
<td>50</td>
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<tr>
<td><strong>003A</strong></td>
<td>01</td>
<td>03</td>
<td>05</td>
<td>10</td>
<td>20</td>
<td>30</td>
<td>50</td>
</tr>
<tr>
<td><strong>003C</strong></td>
<td>–</td>
<td>03</td>
<td>05</td>
<td>10</td>
<td>20</td>
<td>30</td>
<td>50</td>
</tr>
<tr>
<td><strong>012A</strong></td>
<td>–</td>
<td>03</td>
<td>–</td>
<td>10</td>
<td>20</td>
<td>30</td>
<td>50</td>
</tr>
<tr>
<td><strong>030A</strong></td>
<td>–</td>
<td>–</td>
<td>05</td>
<td>10</td>
<td>20</td>
<td>30</td>
<td>–</td>
</tr>
<tr>
<td><strong>018C</strong></td>
<td>–</td>
<td>–</td>
<td>05</td>
<td>10</td>
<td>20</td>
<td>–</td>
<td>–</td>
</tr>
</tbody>
</table>

Build a cable assembly model number by combining base model with desired length, e.g. 002C10.

<table>
<thead>
<tr>
<th>Stock Cables</th>
<th>Available</th>
<th>Not Covered</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stock Cables</td>
<td>Immediate</td>
<td>Platinum Stock Sensors Lifetime Warranty</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Coaxial Cable Assemblies</th>
<th>3-56 Plug</th>
<th>5-44 Plug</th>
<th>BNC Plug</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>SERIES 002C</strong></td>
<td></td>
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<tr>
<td><strong>SERIES 003A</strong></td>
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</tr>
<tr>
<td><strong>SERIES 003C</strong></td>
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<tr>
<td><strong>SERIES 012A</strong></td>
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<tr>
<td><strong>SERIES 030A</strong></td>
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<tr>
<td><strong>SERIES 018C</strong></td>
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</tbody>
</table>
4-CONDUCTOR CABLE ASSEMBLIES

Build a cable assembly model by combining base model number with desired length, e.g. 034G20.

<table>
<thead>
<tr>
<th>Base Model</th>
<th>5 ft (1.5 m)</th>
<th>10 ft (3 m)</th>
<th>15 ft (4.6 m)</th>
<th>20 ft (6.1 m)</th>
<th>25 ft (7.6 m)</th>
<th>30 ft (9.1 m)</th>
<th>50 ft (15.2 m)</th>
<th>15 ft (4.6 m)</th>
<th>10 ft (3 m)</th>
<th>5 ft (1.5 m)</th>
</tr>
</thead>
<tbody>
<tr>
<td>010G</td>
<td>05 10 15 20 25 30 50</td>
<td>FEP, General Purpose</td>
<td>4-Socket Plug to (3) BNC Plugs</td>
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<td></td>
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<td></td>
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<td></td>
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<tr>
<td>078G</td>
<td>– 10 – 20 – 30 –</td>
<td>Polyurethane, Flexible, Rugged</td>
<td>4-Socket Plug to (3) BNC Plugs</td>
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<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>034G</td>
<td>05 10 15 20 – 30 50</td>
<td>FEP, Lightweight</td>
<td>4-Socket Plug to (3) BNC Plugs</td>
<td></td>
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<td></td>
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<tr>
<td>034K</td>
<td>– 10 – 20 – 30 50</td>
<td>FEP, Lightweight</td>
<td>Mini 4-Socket Plug to (3) BNC Plugs</td>
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<td></td>
</tr>
<tr>
<td>010P</td>
<td>– 10 – 20 – 30 –</td>
<td>FEP, General Purpose</td>
<td>4-Socket Plug to Pigtails (for Series 3711)</td>
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</tr>
</tbody>
</table>
LOW COST INDUSTRIAL ICP® ACCELEROMETERS (100 mV/g SENSITIVITY UNLESS OTHERWISE NOTATED)

MODELS 603C01, M603C01
- IMI’s most popular accelerometer
- Hermetically sealed
- Small footprint

MODELS 601A02, M601A02
- 500 mV/g
- Frequency Range: 0.17 to 10k Hz
- Top exit, 2-pin connector

MODELS 627A01, M627A01
- Frequency range: 0.3 to 10k Hz
- 2-pin MIL-C-5015 connector
- Quartz sensing element

MODELS 601A01, M601A01
- Very good signal-to-noise ratio
- Frequency Range: 0.27 to 10k Hz
- Ceramic sensing element
MODELS 604B31, M604B31
- Triaxial accelerometer
- Through-bolt aids in cable orientation
- Ceramic sensing element

MODELS 602D01, M602D01
- Easy installation in tight spaces
- Through-bolt aids cable orientation
- Low profile, less than 1 in. height

MODELS 607A01, M607A01
- Patented 360° swivel mount design
- Frequency range: 0.5 to 10k Hz

MODELS 607A11, M607A11
- Ideal for submersible applications
- Patented 360° swivel mount design
- Frequency range: 0.5 to 10k Hz
- Available cable lengths:
  - 10 ft. (Model 607A11)
  - 20 ft. (Model 607A11/020BZ)
  - 30 ft. (Model 607A11/030BZ)
  - 50 ft. (Model 607A11/050BZ)

MODELS 608A11, M608A11
- Ideal for submersible applications
- Small installation footprint
- Frequency range: 0.5 to 10k Hz
- Available cable lengths:
  - 10 ft. (Model 608A11)
  - 20 ft. (Model 608A11/020BZ)
  - 30 ft. (Model 608A11/030BZ)
  - 50 ft. (Model 608A11/050BZ)

MODELS HT602D01, HTM602D01
- Ceramic sensing element
- Low profile design
- Through-bolt mount
PRECISION ICP® ACCELEROMETERS (100 mV/g SENSITIVITY UNLESS OTHERWISE NOTATED)
Industrial accelerometers for route-based condition monitoring and predictive maintenance.

MODELS 628F01, M628F01
- Quartz sensing element
- Frequency range: 0.3 to 12k Hz
- Low temperature coefficient

MODELS 622B01, M622B01
- Full frequency sweep calibration
- 15k Hz high frequency response
- Ideal for early detection of bearing defects

MODELS 625B01, M625B01
- Ceramic sensing element
- Low profile design
- Through-bolt mount
4-20 mA OUTPUT VIBRATION TRANSMITTER

Looking for an overall vibration measurement on your most critical machinery? Our line of 4-20 mA vibration transmitters will interface directly to your PLC, DCS or SCADA control system. Scaled in inches per second velocity or g’s acceleration, these sensors provide 24/7 online protection for key plant machines, reducing downtime.

SERIES 640BX
- Monitors and protects 24/7
- Avoids costly catastrophic failures
- Interfaces with plant monitoring & PI systems

MODEL 640B00
- Output: 0 – 0.5 ips peak
- Frequency range: 3 to 1000 Hz

MODEL 640B00
- Output: 0 – 0.5 ips peak
- Frequency range: 3 to 1000 Hz

MODEL 640B01
- Output: 0 – 1.0 ips peak
- Frequency range: 3 to 1000 Hz

MODEL 640B01
- Output: 0 – 1.0 ips peak
- Frequency range: 3 to 1000 Hz

BEARING FAULT DETECTOR

MODELS 682C03, 682C05
- Output: Two 4-20 mA signals (one scaled for RMS overall vibration, one scaled for true peak vibration) plus raw vibration signal
- Measurement range: ±50 g

BNC TERMINATION BOXES

BNC termination enclosures offer a simple, economical and safe method for accessing up to 12 sensors that are installed in remote locations.

MODEL 691A51/02
- 2 output channels via BNC

MODEL 691A51/04
- 4 output channels via BNC
STOCK CABLES FOR INDUSTRIAL PRODUCTS

Industrial Stock Cables are available for immediate shipment but are not covered under Platinum Stock Sensors Lifetime Warranty.

**Stock cables are available in 10, 20 & 30 foot (3, 6, 9 meter) lengths.

POLYURETHANE CABLE ASSEMBLY
MODEL 058BRBZ
- 2-conductor polyurethane cable, with 2-socket MIL to blunt cut

POLYURETHANE CABLE ASSEMBLY
MODEL 058B0BZ
- 2-conductor polyurethane cable, with right-angle 2-socket MIL to blunt cut

POLYURETHANE CABLE ASSEMBLY
MODEL 052AEBZ
- 2-conductor polyurethane cable, with 2-socket MIL environmental boot to blunt cut
SAFETY BREAKAWAY CABLE ASSEMBLY
MODEL 050LQ006L
- 6 ft coiled 2-conductor polyurethane cable, with 2-socket MIL to 3-pin half breakaway connector

SAFETY BREAKAWAY CABLE ASSEMBLY
MODEL 052LV001AC
- 1 ft 2-conductor polyurethane cable, with 3-socket half breakaway connector to BNC plug

PTFE CABLE ASSEMBLY
MODEL 053AEBZ
- 2-conductor PTFE cable, with 2-socket MIL environmental boot to blunt cut
PCB Piezotronics, Inc. is a designer and manufacturer of microphones, vibration, pressure, force, torque, load, and strain sensors, as well as the pioneer of ICP® technology used by design engineers and predictive maintenance professionals worldwide for test, measurement, monitoring, and control requirements in automotive, aerospace, industrial, R&D, military, educational, commercial, OEM applications, and more. With a worldwide customer support team, 24-hour SensorLineSM, and a global distribution network, PCB® is committed to Total Customer Satisfaction. Visit www.pcb.com for more information. PCB Piezotronics, Inc. is a wholly owned subsidiary of MTS Systems Corporation. Additional information on MTS can be found at www.mts.com.

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