PLATINUM STOCK SENSORS
At PCB®, we don’t just know the sensor business; we pioneered ICP® technology. For almost 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. And that’s what our customers expect from 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 and cables 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!
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

MODEL 353B04
- 10 mV/g (1.02 mV/(m/s²)), 1 to 7 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

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 353B34
- 100 mV/g (10.2 mV/(m/s²)), 1 to 4 kHz
- 10-32 top connector
- Quartz shear

MODEL 353B34
- 100 mV/g (10.2 mV/(m/s²)), 1 to 4 kHz
- 10-32 top connector
- Ceramic 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 352A21 & 352A21/NC
- 10 mV/g (1.0 mV/(m/s²)), 1 to 10 kHz (0.6 gm)
- 10-ft (3-m) cable
- 3-56 side connector
- Ceramic shear
- Titanium housing

MODELS 352C22 & 352C22/NC
- 10 mV/g (1.0 mV/(m/s²)), 1 to 10 kHz (0.5 gm)
- 10-ft (3-m) cable
- 3-56 side connector
- Ceramic shear
- Aluminum housing

MODELS 352A24 & 352A24/NC
- 100 mV/g (10.2 mV/(m/s²)), 1 to 8 kHz (0.8 gm)
- 10-ft (3-m) cable
- 3-56 side connector
- Ceramic shear
- Aluminum housing

MODELS 353B17 & M353B17
- 10 mV/g (1.0 mV/(m/s²)), 1 to 10 kHz (1.7 gm)
- 10-ft integral cable
- Quartz shear
- Titanium housing

MODELS 353B15 & M353B15
- 100 mV/g (10.2 mV/(m/s²)), 0.5 to 10 kHz (2.0 gm)
- 10-32 top connector
- Quartz shear
- Ceramic shear

MODELS 352B18, M352B18 & M353B18
- 10 mV/g (1.0 mV/(m/s²)), 1 to 10 kHz (1.8 gm) - 353B18 & M353B18
- 100 mV/g (10.2 mV/(m/s²)), 0.5 to 10 kHz (2.0 gm) - 352C68
- 10-32 top connector
- Quartz shear - 353B18 & M353B18
- Ceramic shear - 352C68
- 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 +325 °F (163 °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
■ Aluminum housing

MODELS HT356B21 & HT356B21/NC
■ Same as 356B21 with +325 °F (163 °C) operating temperature

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

<table>
<thead>
<tr>
<th>Model</th>
<th>Sensitivity</th>
<th>Compression</th>
<th>Tension</th>
</tr>
</thead>
<tbody>
<tr>
<td>208C01</td>
<td>500 mV/lb (112410 mV/kN)</td>
<td>10 lb (0.04448 kN) compression</td>
<td>10 lb (0.04448 kN) tension</td>
</tr>
<tr>
<td>208C02</td>
<td>50 mV/lb (11241 mV/kN)</td>
<td>100 lb (0.4448 kN) compression</td>
<td>100 lb (0.4448 kN) tension</td>
</tr>
<tr>
<td>208C03</td>
<td>10 mV/lb (2248 mV/kN)</td>
<td>500 lb (2.224 kN) compression</td>
<td>500 lb (2.224 kN) tension</td>
</tr>
<tr>
<td>208C04</td>
<td>5 mV/lb (1124 mV/kN)</td>
<td>1k lb (4.448 kN) compression</td>
<td>500 lb (2.224 kN) tension</td>
</tr>
<tr>
<td>208C05</td>
<td>1 mV/lb (224.82 mV/kN)</td>
<td>5k lb (22.24 kN) compression</td>
<td>500 lb (2.224 kN) tension</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Model</th>
<th>Sensitivity</th>
<th>Frequency</th>
<th>Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>113B21</td>
<td>25 mV/psi (3.6 mV/kPa)</td>
<td>Resonant frequency ≥ 500 kHz</td>
<td>200 psi (1379 kPa) range</td>
</tr>
<tr>
<td>113B22</td>
<td>1 mV/psi (0.145 mV/kPa)</td>
<td>Resonant frequency ≥ 500 kHz</td>
<td>5000 psi (34475 kPa) range</td>
</tr>
<tr>
<td>113B24</td>
<td>5 mV/psi (0.725 mV/kPa)</td>
<td>Resonant frequency ≥ 500 kHz</td>
<td>1000 psi (6895 kPa) range</td>
</tr>
<tr>
<td>113B26</td>
<td>10 mV/psi (1.45 mV/kPa)</td>
<td>Resonant frequency ≥ 500 kHz</td>
<td>500 psi (3450 kPa) range</td>
</tr>
<tr>
<td>113B28</td>
<td>100 mV/psi (14.5 mV/kPa)</td>
<td>Resonant frequency ≥ 500 kHz</td>
<td>50 psi (344.7 kPa) range</td>
</tr>
</tbody>
</table>
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 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>Stock Lengths</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>
</tr>
</thead>
<tbody>
<tr>
<td>002C</td>
<td>–</td>
<td>03</td>
<td>05</td>
<td>10</td>
<td>20</td>
<td>30</td>
<td>50</td>
<td></td>
</tr>
<tr>
<td>003A</td>
<td>01</td>
<td>03</td>
<td>05</td>
<td>10</td>
<td>20</td>
<td>30</td>
<td>50</td>
<td></td>
</tr>
<tr>
<td>003C</td>
<td>–</td>
<td>03</td>
<td>05</td>
<td>10</td>
<td>20</td>
<td>30</td>
<td>50</td>
<td></td>
</tr>
<tr>
<td>012A</td>
<td>–</td>
<td>03</td>
<td>–</td>
<td>10</td>
<td>20</td>
<td>30</td>
<td>50</td>
<td></td>
</tr>
<tr>
<td>030A</td>
<td>–</td>
<td>–</td>
<td>05</td>
<td>10</td>
<td>20</td>
<td>30</td>
<td>–</td>
<td></td>
</tr>
<tr>
<td>018C</td>
<td>–</td>
<td>–</td>
<td>05</td>
<td>10</td>
<td>20</td>
<td>–</td>
<td>–</td>
<td></td>
</tr>
</tbody>
</table>

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

- **002C**: FEP, 10-32 Plug to BNC Plug
- **003A**: TFE, Low Noise, 10-32 Plug to 10-32 Plug
- **003C**: TFE, Low Noise, 10-32 Plug to BNC Plug
- **012A**: PVC, RG58/U, BNC Plug to BNC Plug
- **030A**: PTFE, Low Noise, Miniature, 3-56 Plug to 10-32 Plug
- **018C**: PVC, Miniature, 5-44 Plug to BNC Plug
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 (3.0 m)</th>
<th>15 ft (4.5 m)</th>
<th>20 ft (6.1 m)</th>
<th>25 ft (7.6 m)</th>
<th>30 ft (9.1 m)</th>
<th>40 ft (12.2 m)</th>
<th>50 ft (15.2 m)</th>
</tr>
</thead>
<tbody>
<tr>
<td>010G</td>
<td>05</td>
<td>10</td>
<td>15</td>
<td>20</td>
<td>25</td>
<td>30</td>
<td>50</td>
<td>4-Socket Plug to (3) BNC Plugs</td>
</tr>
<tr>
<td>078G</td>
<td>–</td>
<td>10</td>
<td>–</td>
<td>20</td>
<td>–</td>
<td>30</td>
<td>–</td>
<td>4-Socket Plug to (3) BNC Plugs</td>
</tr>
<tr>
<td>034G</td>
<td>05</td>
<td>10</td>
<td>15</td>
<td>20</td>
<td>–</td>
<td>30</td>
<td>50</td>
<td>4-Socket Plug to (3) BNC Plugs</td>
</tr>
<tr>
<td>034K</td>
<td>–</td>
<td>10</td>
<td>–</td>
<td>20</td>
<td>30</td>
<td>50</td>
<td>–</td>
<td>Mini 4-Socket Plug to (3) BNC Plugs</td>
</tr>
<tr>
<td>010P</td>
<td>–</td>
<td>10</td>
<td>–</td>
<td>20</td>
<td>–</td>
<td>30</td>
<td>–</td>
<td>4-Socket Plug to Pigtailed (for Series 3711)</td>
</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 360º swivel mount design
- Frequency range: 0.5 to 10k Hz

 MODELS 607A11, M607A11
- Ideal for submersible applications
- Patented 360º 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 HT602D01, HTM602D01
- Ceramic sensing element
- Low profile design
- Through-bolt mount

 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)
PRECISION ICP® ACCELEROMETERS (100 mV/g SENSITIVITY UNLESS OTHERWISE NOTATED)

Industrial accelerometers for route-based condition monitoring and predictive maintenance.

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

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

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 640BOX**
- 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 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
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.

**

**STOCK CABLES FOR INDUSTRIAL PRODUCTS**

**POLYURETHANE CABLE ASSEMBLY**
MODEL 058B58Z
- 2-conductor polyurethane cable, with 2-socket MIL to blunt cut

**POLYURETHANE CABLE ASSEMBLY**
MODEL 058B05Z
- 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
PTFE CABLE ASSEMBLY
MODEL 053AEBZ
- 2-conductor PTFE cable, with 2-socket MIL environmental boot to blunt cut

SAFETY BREAKAWAY CABLE ASSEMBLY
MODEL 050LQ006LU
- 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
MTS Sensors, a division of MTS Systems Corporation (NASDAQ: MTSC), vastly expanded its range of products and solutions after MTS acquired PCB Piezotronics, Inc. in July, 2016. PCB Piezotronics, Inc. is a wholly owned subsidiary of MTS Systems Corp.; IMI Sensors and Larson Davis are divisions of PCB Piezotronics, Inc.; Accumetrics, Inc. and The Modal Shop, Inc. are subsidiaries of PCB Piezotronics, Inc.