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 the same day 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**

- **5% Discount**: 10-24 Units
- **10% Discount**: 25-99 Units
- **15% Discount**: 100+ Units

*For U.S. customers, orders up to 10 units placed before 4 p.m. EST ship the same day. If NOT, YOUR SHIPPING IS FREE. For orders outside the U.S., please contact your local representative. Volume discounts are valid in the USA only.
LOW COST INDUSTRIAL ICP® ACCELEROMETERS
(100 mV/g SENSITIVITY UNLESS OTHERWISE NOTATED)

**SMALL SIZE ICP® ACCELEROMETER**
MODELS 603C01, M603C01
- IMI's most popular accelerometer
- Hermetically sealed
- Small footprint

**LOW NOISE ICP® ACCELEROMETER**
MODELS 601A01, M601A01
- Very good signal-to-noise ratio
- Frequency Range: 0.27 to 10k Hz
- Ceramic sensing element

**HIGH SENSITIVITY ICP® ACCELEROMETER**
MODELS 601A02, M601A02
- 500 mV/g
- Frequency Range: 0.17 to 10k Hz
- Top exit, 2-pin connector

**LOW PROFILE ICP® ACCELEROMETER**
MODELS 602D01, M602D01
- Easy installation in tight spaces
- Through-bolt aids cable orientation
- Low profile, less than 1 in. height

**QUARTZ ELEMENT ICP® ACCELEROMETER**
MODELS 627A01, M627A01
- Frequency range: 0.3 to 10k Hz
- 2-pin MIL-C-5015 connector
- Quartz sensing element

**HIGH TEMPERATURE ICP® ACCELEROMETER**
MODELS HT602D01, HTM602D01
- Ceramic sensing element
- Low profile design
- Through-bolt mount
LOW PROFILE ICP® ACCELEROMETER
MODELS 607A01, M607A01
- Patented 360º swivel mount design
- Frequency range: 0.5 to 10k Hz

TRIAXIAL ICP® ACCELEROMETER
MODELS 604B31, M604B31
- Triaxial accelerometer
- Through-bolt aids in cable orientation
- Ceramic sensing element

SWIVELER® ICP® ACCELEROMETER
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)

INTEGRAL CABLE ICP® ACCELEROMETER
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.

- **TOP EXIT ICP® ACCELEROMETER**
  - Models 622B01, M622B01
  - Full frequency sweep calibration
  - 15k Hz high frequency response
  - Ideal for early detection of bearing defects

- **QUARTZ ELEMENT ICP® ACCELEROMETER**
  - Models 628F01, M628F01
  - Quartz sensing element
  - Frequency range: 0.3 to 12k Hz
  - Low temperature coefficient

- **SIDE EXIT ICP® ACCELEROMETER**
  - Models 625B01, M625B01
  - Ceramic sensing element
  - Low profile design
  - Through-bolt mount
# 4-20 mA OUTPUT VIBRATION TRANSMITTERS

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.

## VIBRATION TRANSMITTER
**SERIES 640BOX**

<table>
<thead>
<tr>
<th>Model</th>
<th>Specifications</th>
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| Model 640B00 | - Output: 0 – 0.5 ips peak  
               - Frequency range: 3 to 1000 Hz |
| Model 640B01 | - Output: 0 – 0.1 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

## ICP® TO CURRENT OUTPUT TRANSMITTER
**MODEL 682C03**

- Converts ICP® signal to 4-20 mA current output
- Continuous output ideal for direct input to PLC / SCADA

## BNC TERMINATION BOX
**SERIES 691A51**

- 2 output channels via BNC (Model 691A51/02)
- 4 output channels via BNC (Model 691A51/04)

## BNC TERMINATION BOX
For use with data collectors that supply ICP® power
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 lengths.

POLYURETHANE CABLE ASSEMBLY
MODEL 508BQAZ
- 2-conductor polyurethane cable, with 2-socket MIL to blunt cut

POLYURETHANE CABLE ASSEMBLY
MODEL 508BBPZ
- 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 050B006LU
- 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.

IMI Sensors, a division of PCB Piezotronics, Inc. manufactures industrial vibration monitoring instrumentation, such as accelerometers, vibration transmitters and switches that feature rugged stainless steel housings and survive in harsh environments like paper and steel mills, mines, gas turbines, water treatment facilities and power plants. Integrating with portable analyzers and PLC’s, IMI instrumentation helps maintenance departments reduce downtime and protect critical machinery. Visit IMI Sensors at www.pcb.com. PCB Piezotronics, Inc. is a wholly owned subsidiary of MTS Systems Corporation. Additional information on MTS can be found at www.mts.com.