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**

- **3% Discount:** 10-24 Pieces
- **5% Discount:** 25-99 Pieces
- **10% Discount:** 100+ Pieces

*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 360° 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 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)

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

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 640B02
- Output: 0 – 2.0 ips peak
- Frequency range: 3 to 1000 Hz

MODEL 641B01
- Output: 0 – 1.0 ips rms
- Frequency range: 10 to 1000 Hz

BNC TERMINATION BOX

For use with data collectors that supply ICP® power

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)
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 508BRBZ
- 2-conductor polyurethane cable, with 2-socket MIL to blunt cut

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

POLYURETHANE CABLE ASSEMBLY
MODEL 052AE8Z
- 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 050L0006LU
- 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
IMI Sensors offers a wide range of industrial vibration sensors, bearing fault detectors, mechanical vibration switches, panel meters, cables, and accessories for predictive maintenance and equipment protection. For power generation and energy applications requiring precision measurements, IMI also offers pressure sensors and accelerometers.