Sensors for Machinery Health Monitoring
Over 10,000 Sensors In Stock, Ready to Ship!

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 ICP® Accelerometers 100 mV/g

Ideal for permanent installations

- **603C01**
  - (Metric M6x1 Mount)
  - General purpose, hermetically sealed
  - IMI’s most popular accelerometer
  - Small footprint

- **602D01**
  - (Metric M6x1 Mount)
  - Easy installation in tight spaces
  - Through-bolt aids in cable orientation
  - Low profile, less than 1 in. height

- **604B31**
  - (Metric M6x1 Mount)
  - Triaxial accelerometer
  - Through-bolt aids in cable orientation
  - Ceramic sensing element

- **608A11**
  - (Metric M6x1 Mount)
  - Ideal for submersible applications
  - Small installation footprint
  - 10-ft integral cable

- **608A11/020BZ**
  - 20-ft integral cable

- **608A11/030BZ**
  - 30-ft integral cable

- **608A11/050BZ**
  - 50-ft integral cable

- **627A01**
  - (Metric M6x1 Mount)
  - Frequency range: 0.3 to 10k Hz
  - 2-pin MIL-C-5015 connector
  - Quartz sensing element

- **601A01**
  - (Metric M6x1 Mount)
  - Very good signal-to-noise ratio
  - Frequency range: 0.27 to 10k Hz
  - Ceramic sensing element

- **608A11/020BZ**
  - 20-ft integral cable

- **608A11/030BZ**
  - 30-ft integral cable

- **608A11/050BZ**
  - 50-ft integral cable

- **M604B31**
  - (Metric M6x1 Mount)
  - Triaxial accelerometer
  - Through-bolt aids in cable orientation
  - Ceramic sensing element

- **HT602D01**
  - (High Temperature)
  - Ceramic sensing element
  - Low profile design
  - Through-bolt mount
  - -65 °F to 325 °F

- **M608A11**
  - (Metric M6x1 Mount)
  - 20-ft integral cable

- **M608A11/020BZ**
  - 20-ft integral cable

- **M608A11/030BZ**
  - 30-ft integral cable

- **M608A11/050BZ**
  - 50-ft integral cable
**THE SWIVELER®**
Low Cost ICP® Accelerometers 100 mV/g

**NEW**
607A01
607A01 (Metric M6x1 Mount)
- Patented 360° swivel mount design
- Ideal for submersible applications
- 2-pin MIL connector

**NEW**
M607A01
M607A01 (Metric M6x1 Mount)
- Patented 360° swivel mount design
- Ideal for submersible applications
- 10-ft integral cable & swiveler base

**607A11**
M607A11 (Metric M6x1 Mount)
- Patented 360° swivel mount design
- Ideal for submersible applications
- 30-ft integral cable & swiveler base

**Precision ICP® Accelerometers 100 mV/g ±5%**
Ideal for route-based data collection

**NEW**
622B01
622B01 (Metric M6x1 Mount)
- Full frequency sweep calibration
- 15 kHz high frequency response
- Ideal for early detection of bearing defects

**NEW**
M622B01
M622B01 (Metric M6x1 Mount)
- Side exit, ring-style
- Low frequency response to 0.2 Hz
- Ceramic sensing element

**625B01**
M625B01 (Metric M6x1 Mount)
- Side exit, ring-style
- Low frequency response to 0.2 Hz
- Ceramic sensing element

**NEW**
628F01
628F01 (Metric M6x1 Mount)
- Quartz sensing element
- Frequency range: 0.3 to 12k Hz
- High temperature (325 ºF) version available

**BNC Termination Boxes**
For use with data collectors that supply ICP® power

- **691A51/02**
  - 2 output channels via BNC
- **691A51/04**
  - 4 output channels via BNC

**4-20 mA Output Vibration Transmitter**
Continuous monitoring, designed to work with any PLC, DCS or SCADA system

**NEW**
640B00
640B00 (Metric M6x1 Mount)
- Output: 0 – 0.5 ips peak
- Frequency range: 3 to 1000 Hz

**NEW**
M640B00
M640B00 (Metric M6x1 Mount)
- Output: 0 – 0.5 ips peak
- Frequency range: 3 to 1000 Hz

**640B02**
M640B02 (Metric M6x1 Mount)
- Output: 0 – 2.0 ips peak
- Frequency range: 3 to 1000 Hz

**640B01**
M640B01 (Metric M6x1 Mount)
- Output: 0 – 1.0 ips peak
- Frequency range: 3 to 1000 Hz

**NEW**
641B01
M641B01 (Metric M6x1 Mount)
- Output: 0 – 1.0 ips RMS
- Frequency range: 10 to 1000 Hz

**Bearing Fault Detector**

**NEW**
682B05
- Output: Two 4-20 mA signals plus raw vibration signal
- Measurement range: ±50 g
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.

- **052BBZ**: 2-conductor polyurethane cable, with 2-socket MIL to blunt cut
- **052QBZ**: 2-conductor polyurethane cable, with right-angle 2-socket MIL to blunt cut
- **052AEZ**: 2-conductor polyurethane cable, with 2-socket MIL environmental boot to blunt cut
- **053AEZ**: 2-conductor PTFE cable, with 2-socket MIL environmental boot to blunt cut
- **050LO06LU**: 6 ft coiled 2-conductor polyurethane cable, with 2-socket MIL to 3-pin half breakaway connector
- **052LV001AC**: 1 ft 2-conductor polyurethane cable, with 3-socket half breakaway connector to BNC plug

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**Stock Cables for Industrial Products**

**PLATINUM STOCK SENSORS**

SAME DAY SHIPPING - LIFETIME WARRANTY

3425 Walden Avenue, Depew, NY 14043-2495 USA

**Toll-Free in the USA** 800.959.4464

**24-hour SensorLine™** 716.684.0003

**Fax** 716.684.3823 ■ **Email** imi@pcb.com

**Website** www.imi-sensors.com

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**ISO 9001 CERTIFIED ■ A2LA ACCREDITED to ISO 17025**

IMI Sensors designs and manufactures a full line of accelerometers, sensors, vibration switches, vibration transmitters, cables and accessories for predictive maintenance, continuous vibration monitoring, and machinery equipment protection. Products include rugged industrial ICP® accelerometers, 4-20 mA industrial vibration sensors and transmitters for 24/7 monitoring, electronic and mechanical vibration switches, the patented Bearing Fault Detector, high temperature accelerometers to +1300 °F (+704 °C), 2-wire Smart Vibration Switch, and the patented Reciprocating Machinery Protector. CE approved and intrinsically safe versions are available for most products.

**Visit www.imi-sensors.com to locate your nearest sales office**