



PLATINUM STOCK SENSORS



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

- **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 COST INDUSTRIAL ICP® ACCELEROMETERS, (100 mV/g SENSITIVITY UNLESS OTHERWISE NOTATED)



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



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

For use with data collectors that supply ICP® power



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 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



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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.

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