



# RECIPROCATING MACHINERY

---

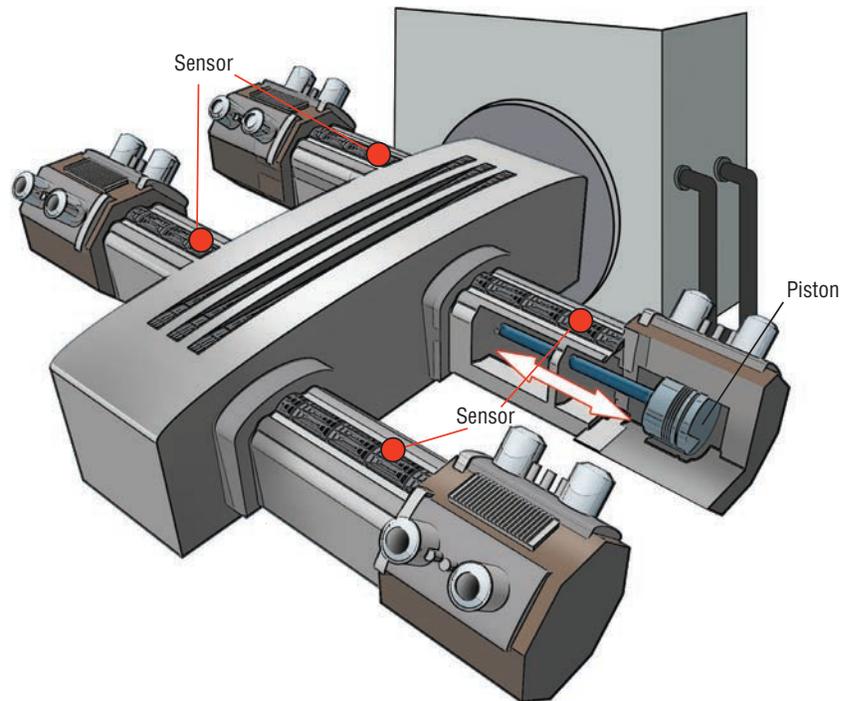
 **IMI SENSORS**  
A PCB DIVISION

[pcb.com/imi-sensors](http://pcb.com/imi-sensors) | 1 800 959 4464



## RECIPROCATING MACHINERY

Years of frustrating unanticipated reciprocating compressor failures have led to the development of the IMI® Reciprocating Machinery Protector (RMP). IMI® developed the RMP product line to detect impacts caused by looseness of internal parts. Depending on the amplitude of the impact and how many times the impact occurs within a specified time window, the appropriate 4-20 mA signal is provided. The industry leading USB programming capability makes it easy to match the RMP to any reciprocating application. For properly running machinery, the IMI® RMP allows you to trend peak acceleration data.



● Suggested Sensor Placement



### CERAMIC SHEAR ICP® ACCELEROMETER

SERIES EX622B01

- Full frequency sweep calibration with 5% sensitivity deviation tolerance
- 15 kHz high frequency response ideal for early detection of bearing faults
- Intrinsically safe option available



### 4-20 MA PRESSURE SENSOR

SERIES EX1503D01

- Ranges from 300 to 10,000 psi
- Withstands sour gas environments
- 1/2" NPT fitting
- Hazardous area approved



### RECIPROCATING MACHINERY PROTECTOR

MODEL (EX)649A01, (EX)649A71

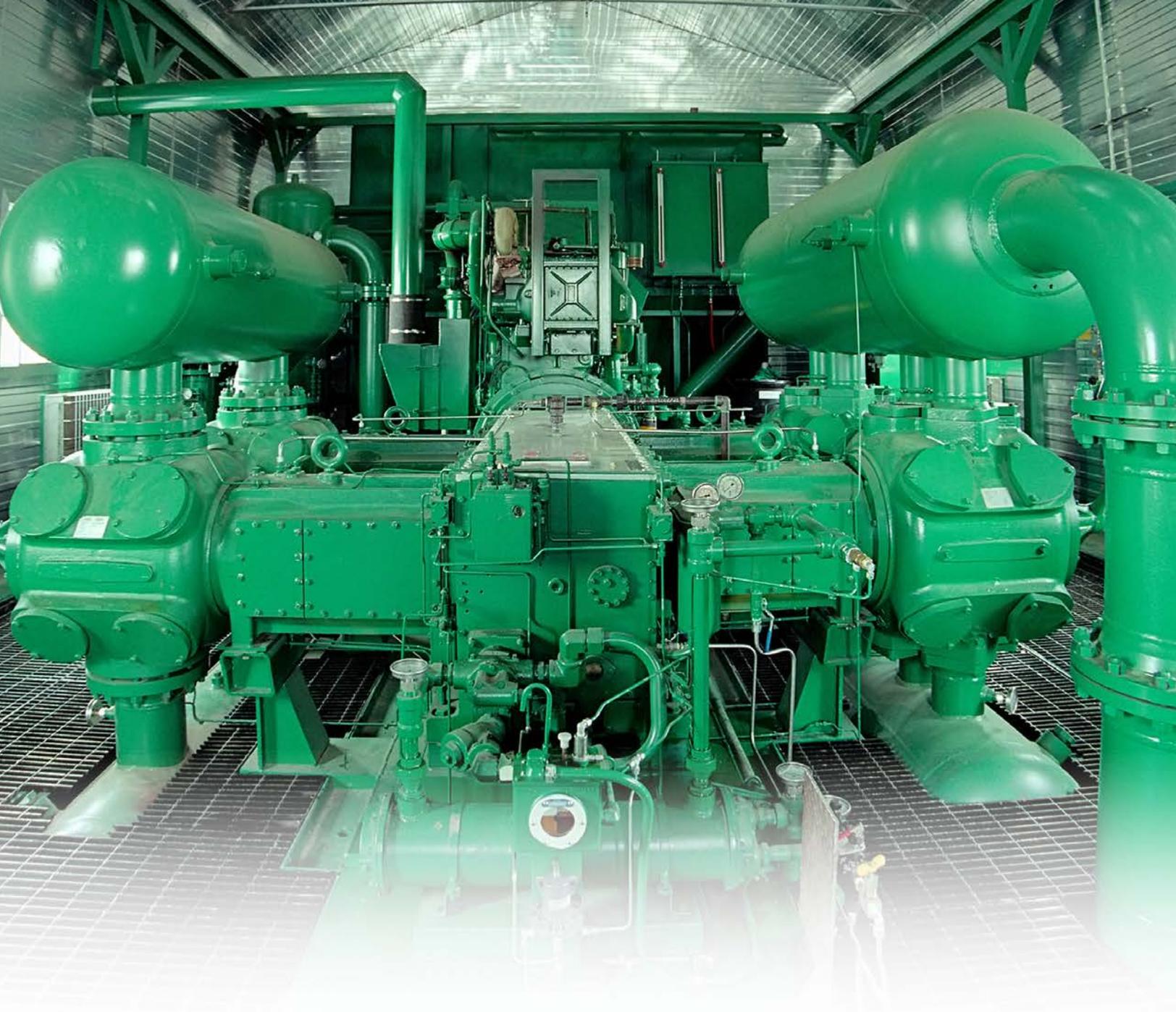
- Detects faults / mechanical looseness in reciprocating compressors
- Outperforms impact transmitters
- Continuous trending, with alarm & alert levels for early warning
- Terminal block with conduit elbow available
- Intrinsically safe options available



### USB PROGRAMMING KIT

MODEL 600A35

- Customize settings on your USB programmable sensor
- Kit includes CD-ROM software & cable adapters
- Works with 649 Series



3425 Walden Avenue, Depew, NY 14043 USA

pcb.com/imi-sensors | imi@pcb.com | 800 959 4464 | +1 716 684 0003

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.

© 2021 PCB Piezotronics - all rights reserved. PCB Piezotronics is a wholly-owned subsidiary of Amphenol Corporation. Endevco is an assumed name of PCB Piezotronics of North Carolina, Inc., which is a wholly-owned subsidiary of PCB Piezotronics, Inc. Accumetrics, Inc. and The Modal Shop, Inc. are wholly-owned subsidiaries of PCB Piezotronics, Inc. IMI Sensors and Larson Davis are Divisions of PCB Piezotronics, Inc. Except for any third party marks for which attribution is provided herein, the company names and product names used in this document may be the registered trademarks or unregistered trademarks of PCB Piezotronics, Inc., PCB Piezotronics of North Carolina, Inc. (d/b/a Endevco), The Modal Shop, Inc. or Accumetrics, Inc. Detailed trademark ownership information is available at [www.pcb.com/trademarkownership](http://www.pcb.com/trademarkownership).