Years of frustrating unanticipated reciprocating compressor failures have lead 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.
USB PROGRAMMING KIT
MODEL 600A35
- Customize settings on your USB programmable sensor
- Kit includes CD-ROM software & cable adapters
- Works with 649 Series

RECIROCATING 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

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

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

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IECEx

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IECEx
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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