

PCB PIEZOTRONICS ANNOUNCES REORGANISATION OF IMI SENSORS
INTO THREE DIVISIONS

PCB Piezotronics, a world leader in vibration, acoustic, pressure, force and torque sensors, has announced the reorganisation of IMI Sensors into three groups with dedicated focus on specific market sectors - energy & power generation, process monitoring & protection and predictive maintenance.

Energy & Power Generation specialises in the design and manufacture of innovative sensors and associated signal conditioning instrumentation to meet the demanding requirements of the energy, power generation, reciprocating equipment, oil/gas and petrochemical industries.

Whether involved with design evaluations, field testing, compressors and diesel engines, critical component or process monitoring, PCB Piezotronics' IMI Sensors provides comprehensive protection, condition and performance monitoring solutions for all rotating machinery applications. In particular, IMI's instrumentation is ideally suited to detect and measure dynamic pressure and vibration for gas turbines in extreme heat environments. The company's high-temperature pressure sensors and accelerometers are intrinsically safe for measuring combustion dynamics and vibration levels in gas turbines.

For **Process Monitoring & Protection**, vibration monitoring of plant and process machinery can provide crucial data that will lead to increased productivity and profitability. When

more...

vibration levels are monitored, excessive wear and potential failure can be recognised at an early stage to avoid expensive repairs and downtime.

PCB Piezotronics' line of 4-20mA vibration transmitters will interface directly to PLC, DCS or SCADA control systems for easy data analysis. Scaled in inches per second velocity or g's acceleration, these sensors provide 24/7 online protection for key plant machinery, reducing downtime. Vibration and smart switches eliminate false trips, providing a technically superior alternative to traditional mechanical shock switches and are an ideal way to provide protection for critical equipment.

Impact detection products offer the ultimate in machine protection. PCB Piezotronics' bearing fault detector provides early warning of impending bearing failure from cracks and spalls. In addition, DIN rail devices are designed to facilitate vibration monitoring with equipment that is familiar to process control technicians. Signals representing overall vibration levels are monitored with threshold points providing the judgement for alarm, control or shutdown.

Predictive Maintenance

PCB Piezotronics' IMI Sensors is a global leader in the manufacture of low cost industrial accelerometers for machinery condition monitoring and predictive maintenance requirements. General purpose, precision, low frequency, high frequency, seismic and multiaxis applications are supported with an extensive product offering including piezoelectric accelerometers, velocity sensors, 4-20mA vibration transmitters, switches, relays, cables, displays and accessories.

PCB Piezotronics' accelerometers are relied on throughout the world help optimise machinery performance and to keep expensive maintenance and downtime to a minimum. The company serves a wide range of industries with demanding requirements for precision industrial monitoring and measurement of critical machinery. Intrinsically safe, virtually all PCB Piezotronics' products are certified for use in hazardous areas through ATEX and CSA.

All standard PCB sensors and products are supplied with Lifetime Warranty Plus and are also covered by the company's Guarantee of Total Customer Satisfaction.

About PCB Piezotronics

PCB Piezotronics is a world leader in the manufacture of piezoelectric quartz sensors, accelerometers and associated electronics for the measurement of dynamic pressure, force and vibration. The company's ICP[®] sensors incorporating microelectronic signal conditioning circuitry within the sensor housing are an industry standard and their widespread popularity has made PCB Piezotronics an enduring success worldwide. The company's mission statement – Total Customer Satisfaction – is not only supported by products that offer outstanding value but also by an industry exclusive Lifetime Warranty Plus.

Information from: PCB Piezotronics Ltd, 7 Paynes Park, Hitchin, Hertfordshire, SG5 1EH.

Tel: +44 (0) 1462 429710, Fax: +44 (0) 1462 429798.

Email: ukinfo@pcb.com

Web site: <http://www.pcbensors.co.uk>

Press information from: Tim Jennings, Marshall Jennings PR Ltd, Wyvols Court, Swallowfield, Reading, Berkshire, RG7 1WY, England.

Tel: +44 (0)118 988 0288 Fax: +44 (0)118 988 0388.

Email: tim.jennings@mjpr.com

Web site: <http://www.mjpr.com>