



Welcome to the next issue of the monthly Newsletter from Vibration-test.co.uk, the Engineering portal for all R&D, Test and Product Lifecycle information.

To register for the Newsletter or to send your relevant information, links, exhibition dates or papers to us send it by email to [info@vibration-test.co.uk](mailto:info@vibration-test.co.uk)

[www.vibration-test.co.uk](http://www.vibration-test.co.uk) will be continually developed and updated, help us make it the resource it should be.

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## News for October 2008:



**News from PCB Piezotronics Ltd** [www.pcb.com](http://www.pcb.com) [www.imi-sensors.com](http://www.imi-sensors.com)

The IMI Sensors division of PCB Piezotronics (PCB®) has released Series EX64xB7x, a line of loop-powered 4-20 mA output sensors with a 1-inch NPT, 90° capped elbow conduit, to meet ATEX and CSA approval requirements for use in hazardous areas. Sensors operate from standard 24V loop power, making them directly compatible with existing PLCs, SCADA, DCS, and Plant Information (PI) systems, for continuous vibration monitoring of overall vibration levels on critical machinery in hazardous area application environments. Sensors are available with either acceleration or velocity outputs and in various amplitude ranges. Outputs of peak or RMS vibration can be selected, as well as optional temperature or raw vibration outputs. The raw vibration output provides a buffered signal that can be used with vibration data collectors to perform detailed diagnostic analysis when a problem is detected. Download the Full Release -

[PCB Piezotronics News](#)



**MicroTechnology** News from CMAC Microcircuits Ltd [www.cmac.com](http://www.cmac.com)

C-MAC MicroTechnology Great Yarmouth is pleased to announce that it won the Skills and Productivity Category of the prestigious Manufacturer Awards held on 15<sup>th</sup> October in London. These awards are a key date in the manufacturing calendar and a highly respected indicator of excellence and expertise. C-MAC is a world leader in the design, manufacture and test of microelectronics for harsh environments. The business requires a diverse and unique skill set and the company has developed a range of ongoing HR and manufacturing initiatives to ensure that staff and skills match the requirements of the business. Download the Full Release - [CMAC News](#)

NDO Consultants Ltd complete their first year in the Test, Measurement and Vibration Test industry and look forward to the next 12 months by launching 2 new websites [www.ndotraining.com](http://www.ndotraining.com) and [www.ndorecruitment.com](http://www.ndorecruitment.com) and expanding with 2 new staff members. The level of engineering and market knowledge provided by NDO Consultants Ltd has been the foundation of their success in providing Business Development, Training and Recruitment services to a wide range of companies in the Test engineering sector. Download the full release - [NDO Consultants 1](#)

## Exhibition News:

**Manufacturing Technology Ireland 2008** 5-6 November 2008 National Show Centre, Dublin, visit [www.industry.co.uk](http://www.industry.co.uk)

**Southern Manufacturing 2009** 11-12 February 2009 FIVE, Farnborough, Hants, visit [www.industry.co.uk](http://www.industry.co.uk)

**Southern Electronics 2009** 11-12 February 2009 FIVE, Farnborough, Hants, visit [www.industry.co.uk](http://www.industry.co.uk)

**Instrumentation, Analysis & Testing Exhibition** 24 February 2009, International Media Centre, Silverstone Race Track, visit [www.e-i-s.org.uk](http://www.e-i-s.org.uk)

**MAINTEC 2009** 17-19 March 2009, NEC, Birmingham, visit [Maintec 2009](#)

**MTEC Sensors Measurement and Instrumentation** 25-26 March 2009, NEC, Birmingham, visit [www.devicelink.com/expo/mtec08/index.html](http://www.devicelink.com/expo/mtec08/index.html)

## Useful Weblinks:

[Efunda](#) - Extensive online engineering, maths and physics reference guide

[diracdelta](#) - Science and Engineering Encyclopedia

[Glossary](#) - Glossary of Vibration Terminology from the Vibration Institute, USA

[EEVL](#) - Edinburgh Engineering Virtual Library

[UKAS](#) - United Kingdom Accreditation Service

## Training:

**'Introduction to Modal Analysis'** - Tuesday 27 January 2009

**Cost £160+vat per person inc. Refreshments, Lunch and Full course notes**

**Payment required with booking.**

**Venue - Loughborough University, Loughborough, Leicestershire**

This seminar will provide an introduction to Modal Analysis for engineers who are new to the methods, in addition to providing a great overview for managers and other engineers who find themselves involved in the use of Modal results without fully understanding how they have been produced or what they mean. **Book Now at [www.ndotraining.com](http://www.ndotraining.com)**

**'Advanced Modal Analysis'** - Wednesday 28 January 2009

**Cost £160+vat per person inc. Refreshments, Lunch and Full course notes**

**Payment required with booking.**

**Venue - Loughborough University, Loughborough, Leicestershire**

This seminar follows our Introduction to Modal Analysis training course very well and assumes a basic understanding of Modal Analysis methods, techniques and analysis. During this 1 day course we will go into more complex Modal Analysis test methods, their individual merits and differences, we will look at Curve fitting, Stabilisation diagrams, Modal Validation and Operational Modal Analysis. **Book Now at [www.ndotraining.com](http://www.ndotraining.com)**

**'Risk Analysis & Management'** - Tuesday 17 February 2009

**Cost £250+vat per person inc. Refreshment, Lunch and Full course notes**

**Payment required with booking**

**Venue - Conference and Development Centre, Bedford, Bedfordshire**

This course will explain the well used and little understood methods of Risk Analysis and Risk Management.

**Book Now at [www.ndotraining.com](http://www.ndotraining.com)**

**'Earned Value'** - Wednesday 18 February 2009 **Cost £250+vat per person inc. Refreshment, Lunch and Full course notes**

**Payment required with booking**

**Venue - Conference and Development Centre, Bedford, Bedfordshire**

What is Earned Value? How can it help and who should be using it? We will answer these questions and many more. **Book Now at [www.ndotraining.com](http://www.ndotraining.com)**

**'Commercial Awareness for Engineers'** - Monday 23 March 2009

**Cost £250+vat per person inc. Refreshment, Lunch and Full course notes**

**Payment required with booking**

**Venue - Conference and Development Centre, Bedford, Bedfordshire**

**Book Now at [www.ndotraining.com](http://www.ndotraining.com)**

**Thought for the Day:**

**"Diplomacy: thinking twice before you say nothing" - Unknown**

If your colleagues would like to register for future editions of the Vibration-Test.co.uk newsletter they can visit [http://www.vibration-test.co.uk/Register for Newsletter.html](http://www.vibration-test.co.uk/Register%20for%20Newsletter.html) alternatively use this link and fill in their email addresses in the body of the email [info@vibration-test.co.uk](mailto:info@vibration-test.co.uk)

If you would like your news included in the next issue of Vibration-test.co.uk News or if you would like your company listed on the site , please contact NDO Consultants Ltd on 01933 358943 or email [info@vibration-test.co.uk](mailto:info@vibration-test.co.uk)

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