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Condition Monitoring Made Easy

**Monitran launches the versatile and user-friendly MTN/5000
condition monitoring system**

High Wycombe, United Kingdom – Monitran, an industry leader in the development and manufacture of transducers, has launched the MTN/5000, a cost-effective and versatile microcontroller-based condition monitoring system.

The MTN/5000 can have up to 12 channels (to be specified when ordering) and features a 3.5 inch TFT touchscreen and an easy-to-navigate menu. The user is able to set data sampling rates (up to 1million/second), input ranges and resolution and alarm levels, on a channel-by-channel basis or across all channels.

The system is designed to work with Monitran's accelerometers and velocity sensors but it can also accommodate most other sensor types including those for measuring temperature, pressure, displacement and proximity. It can also accept a voltage or current as input, and raw signals are made available at BNCs on the front panel.

As standard the MTN/5000 has 12 digital I/O channels which can be used for multiple alarms or as a communication channel for integration with other systems. Also, as an optional extra, the system can be fitted with Modbus TCP/IP, for networking purposes or to enable multiple MTN/5000s to operate together within a larger monitoring or control system.

Andy Anthony, Managing Director of Monitran, comments: "With the MTN/5000 we're providing engineers with a versatile tool that can provide a picture of the health of plant and equipment, raise alarms and indicate when further investigation may be warranted."

MORE

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The MTN/5000 system is made to order and, in addition to specifying how many input channels the MTN/5000 should have, the user can request front panel customisation, such as asset numbering. The system requires an input voltage of 24V DC and the enclosure dimensions, including glands are 372 x 250 x 200mm.

Anthony concludes: "The MTN/5000's ease-of-use is remarkable. It is a turnkey solution and you don't need to be a condition monitoring expert to get the system up and running and protecting plant and process assets."

MAIN ENDS

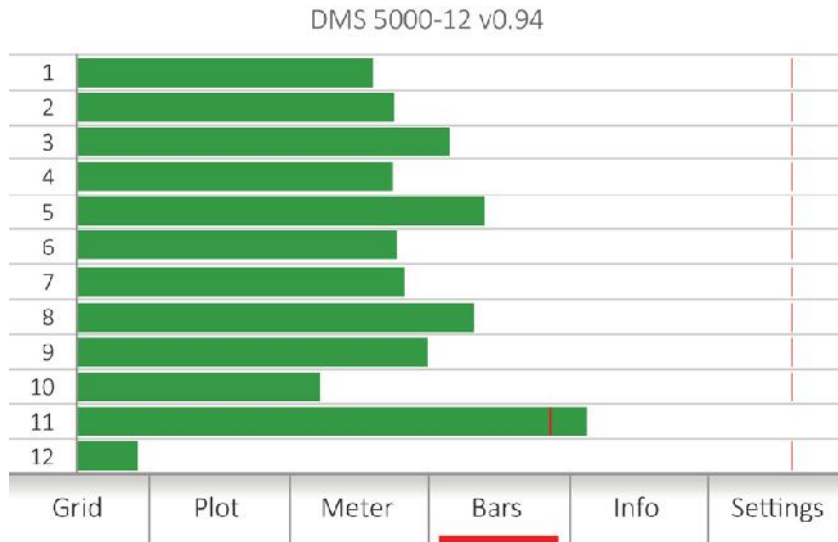


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Monitran's MTN/5000 condition monitoring system can be used to provide a picture of the health of plant and equipment, raise alarms and indicate when engineering investigations may be warranted.

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Users of the MTN/5000 can set data sampling rates (up to 1million/second), input ranges and resolution and alarm levels on a channel-by-channel basis or across all channels.

Notes to Editors

This press release was issued on behalf of Monitran by Declaration Limited. If you have any editorial enquiries in relation to this press release please contact Richard Warrilow on +44 (0)1522 789000 or via email (richard@declaration.co.uk). Please also contact Declaration if you require any articles, case-studies, comments or any other forms of editorial copy.

Please contact Katherine Alger, Marketing & Communications Officer of Monitran, on +44 (0)1494 816569 or via email (katherine.alger@monitran.com) in relation to all advertising and sponsorship matters.

About Monitran

Established in 1986 and based near High Wycombe in the UK, Monitran is a world leader in the development and manufacture of sensors and systems for vibration and displacement measurement. The company has the widest range of standard vibration and displacement products available from any single supplier and has an impressive track record of customising products for bespoke applications.

With full ISO 9001:2008 approval, Monitran's products are used for monitoring vibrations in machinery such as pumps, motors, engines and drive trains as well as in a diverse range of applications including automotive, aerospace, industrial processing, power stations and wind turbines. Indeed, the products are at home in any application where vibrations or displacements provide early indications of mechanical wear or that a structure's integrity has been compromised. They are also used in other vibration related applications, such as R&D, structural testing, equipment qualification testing and calibration. For more information please visit www.monitran.com