



SPM Instrument launches Intellinova[®] Compact online system for Ex environments

SPM Instrument, Sweden, leading worldwide provider of condition monitoring technology and products, now announces the introduction of Intellinova[®] Compact Ex, the latest addition to the successful Intellinova product line for online condition monitoring of rotating machinery.

An Ex approved version now joins the Intellinova family of online systems. Intellinova Compact Ex is a high performance online condition monitoring system, well suited for safe remote monitoring of industrial environments with measuring points in hazardous areas. The oil and gas, offshore, petrochemical and sugar industries are a few examples where Intellinova Compact Ex is the ideal solution for condition monitoring, e.g. on pumps, fans, gearboxes or winches. Complete with power supply, cable glands and Ex interfaces in an Ex nR enclosure, the unit is intended for mounting in Ex gas Zone 2 or Ex dust Zone 22, for measurement on transducers located in Ex gas Zones 0, 1 or 2 or Ex dust Zones 20, 21, 22.

This leading-edge system for Ex environments offers the strongest combination of measuring techniques available. Vibration measurement (DC to 40 kHz) with HD Order Tracking and sophisticated analysis, and the SPM HD[®] technique for condition monitoring of rolling element bearings in the 0.1-20,000 RPM range provides maximum flexibility for detection of machine problems. The system also handles user defined measurements via analog inputs and OPC, e.g. pressure, flow, load, etc.

Intellinova Compact Ex is fully compatible with all other Intellinova versions. It can be run as standalone units or in an integrated system where the individual units communicate with a single shared database in a standard Ethernet network. Small units mounted close to the monitored machines offers scalability and enables optimal cost efficiency per measuring channel.

Intellinova Compact Ex is available in four versions, each with a fixed channel configuration for shock pulse and/or vibration measurement. All versions come with multiple rpm and analog inputs as well as status outputs.

The Intellinova Compact Ex system versions will be available for delivery in Q1, 2015.

ATEX, IECEx marking:

II 3 (1) G Ex nR [ia Ga] IIC T4 Gc
II 3 (1) D Ex tc [ia Da] IIIC IP66, T85°C Dc
T_a -20 to +60°C

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Press release