

Press release

SKF Microlog Analyzer dBX extends applications to hazardous areas

Gothenburg, 16 September 2025: Growing customer demands for condition monitoring in hazardous areas led SKF to develop a version of its popular Microlog Analyzer dBX that is certified to IECEx, ATEX, Class I Division 2 and Class I Zone 2 standards.

SKF is further strengthening its condition monitoring offer portfolio by a newly developed hazardous area version of its Microlog Analyzer dBX portable vibration analyzer. The device, certified to IECEx, ATEX, Class I Division 2 and Class I Zone 2 standards, can safely perform condition-based maintenance in potentially explosive atmospheres in sectors such as energy and chemical processing. It was developed in response to customer requests.

“The Microlog Analyzer dBX, paired with our comprehensive condition monitoring solutions, delivers cutting-edge insight into the health of rotating assets – now extending that intelligence to hazardous areas. This powerful combination furthers SKF’s commitment to plantwide condition monitoring with expanded reach and reliability.” says Carl Tooj, Head of Condition Monitoring, Product Lines & Engineering at SKF.

Enabling predictive maintenance in hazardous areas helps users avoid costly downtime and equipment failures. The Microlog Analyzer dBX for hazardous environments minimizes unplanned maintenance, reduces operating costs and raises rotational machinery reliability. It allows high-precision, real-time condition monitoring in areas that were previously difficult to monitor. The device can be applied in industries including traditional energy, chemicals, food and beverage (ethanol) – and others where flammable gases, vapor or mist may be present – reducing the risk of ignition and ensuring compliance with strict industry regulations.

The Microlog Analyzer dBX for hazardous environments delivers high-speed performance and field-ready durability. With MPA-in-a-flash data acquisition – three times faster than earlier models – and an integrated camera, it streamlines documentation and diagnostics in demanding conditions. Its intuitive touch and keypad controls, modular upgrade options, and advanced



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capabilities like SKF gE bearing analysis make it a versatile solution for tasks such as impact testing, digital recording, and multi-plane balancing. Built tough, intelligent & safe.

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Since 1907, SKF has been making some of the world's most innovative bearings, seals, lubrication systems, condition monitoring solutions, and services to reduce friction. Less friction means more energy saved and by reducing it, we make industry smarter, more competitive, and more energy efficient, building a more sustainable future where we can all do more with less. SKF is represented in approximately 130 countries and has around 17,000 distributor locations worldwide. Annual sales in 2024 were SEK 98,722 million and the number of employees was 38,743. www.skf.com

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