The Vision—Experience
the future of machinery protection and condition monitoring.

Working with the future in mind.

With the best global support and expertise in the industry, GE’s Bently Nevada product line is improving the health of industry by keeping your operations running smoothly and without incident. As leaders in the Industrial Internet and providers of big data, GE combines intelligent machines, advanced analytics, and people at work. ADAPT advances this strong legacy by leading the way into the future of condition monitoring.

To learn more about the ADAPT product family and other innovative asset condition monitoring solutions from GE’s Bently Nevada product line, contact your regional sales representative:

(Toll) +1 (775) 215-1818
(Toll Free) +1 (800) 488-1915
Fax: +1 (775) 215-2890
ADAPT.ge-mcs.com

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Specifications are subject to change without notice.

GEA30847C (07/2015)
ADAPT 3701 Series:


Take advantage of the future of condition monitoring with the ADAPT 3701 product family—a distributed architecture monitoring technology for critical and essential rotating equipment in multiple industries. The growing application-based ADAPT product family offers on easy, user-defined configuration that is field-mountable, flexible, and optimized for multiple applications. Future releases will enhance GE’s industrial Internet capabilities with smart machine capabilities that continue to evolve and improve productivity.

ADAPT 3701 interfaces to Bently Nevada’s next generation condition monitoring platform, System 1 Evolution. This enables strategic, data-driven maintenance planning and decision making, to help optimize productivity and performance, allowing the ADAPT 3701 to be used as a comprehensive condition monitoring solution.

Why GE customers choose ADAPT:
- Reduced installation and wiring costs
- State-of-the-art electronics and signal processing
- GE Predictivity solution providing tools for PdM
- Current generation platform ensuring long lifecycle support
- Global sales, services, and technical support
- 24/7, with regional coverage and response time that only GE’s Bently Nevada product line can offer

Adopt 3701/44* Aeroderivative Gas Turbine Monitor:
- More power and less downtime.

The ADAPT 3701/44 is an asset specific member of the family designed specifically for aero’s. The 3701/44 is targeted at all major OEMs as well as the GE LM series, its OEM specific functionality and extendable signal processing go beyond “OEM spec” and make it a great solution for these difficult to monitor turbines.

Adopt 3701/40* Machinery Dynamics Monitor:
- Tailored to your needs.

The ADAPT 3701/40 Machinery Dynamics Monitor is a versatile member of the ADAPT family delivering proven protection and condition monitoring for a broad range of critical assets. It is optimized for machinery with challenging dynamics, such as axial and radial position, as well as traditional vibration and position measurements on sleeve bearing machines. This revolutionary product supports multiple customized measurement variables, industrial protocols, multiple vibration sensors, and monitoring options making it suitable for a broad range of machinery assets.

Adopt 3701/55 Emergency Shutdown Device (ESD):
- Our fast reaction time lets you stop the clock while there’s still time.

The ADAPT 3701/55 ESD enhances the ADAPT family as the most cost-effective integrated overspeed detection system and emergency shutdown device suitable for all classes of rotating equipment. With the fastest logic execution time available and a quick front panel start/stop change, you can be confident in the protection of your crucial machinery.

Adopt 3701/55 has a SIL 3 certification.

*Also available with Dual Redundant Monitoring and Backup.

Dimensions:
- Simplex Base: 113mm x 254mm (4.5” x 10”)
- Dual Base: 237mm x 254mm (9.3” x 10”)

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Smaller footprint. Bigger impact.

GE’s Bently Nevada Advanced Distributed Architecture Platform Technology, or ADAPT 3701, is a family of compact, high-performance safety and machinery protection and condition monitoring solutions. ADAPT products are targeted at specific assets and applications, and excel at the intensive signal processing necessary to identify early indicators of machinery failures before long before an alarm is needed.

The ADAPT 3701 family is targeted at machines ranked as essential to highly critical where a permanent on line protection and condition monitoring system can offer.

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