



## Safety Through Vigilance!

### FAG SmartCheck

The Time Is Ripe: Vibration Sensors For Every Machine

FAG SmartCheck is the innovative device for ensuring the availability of all machines – today and tomorrow!

- Decentralized monitoring of machine and process parameters
- Applicable as condition guard with safety switch off
- Easy to operate and integrate into existing systems
- Unique price/performance ratio

**The benchmark in machine monitoring**



*For further information on FAG condition monitoring products, just ask for a copy of our catalogue!*



## FAG SmartCheck is ideal for monitoring a wide range of systems, for example

- Electric motors and geared motors
- Vacuum and fluid pumps
- Ventilators and fans
- Gearboxes and compressors
- Spindles and machine tools
- Separators and decanters

### Operating benefits

- **Reliable real time monitoring on your machine**  
Innovative vibration sensor with patented diagnosis technology
- **Intelligent process monitoring**  
Recording of different process parameters and correlation with vibration signals
- **Easy installation**  
Less wiring and easy integration due to the device's compact size
- **Intuitive operation**  
Automatic adjustment of alarm thresholds thanks to self-learning mode (plug and play option), LED error indicator
- **Easy retrieval of measuring results**  
Data can be retrieved directly at the FAG SmartCheck (e.g. via standard web browser such as IE 7 or Firefox)
- **Easy integration into control system and station**  
Analog and digital inputs and outputs, OPC UA client/server\* and customer-specific RS485 protocols\*
- **Flexible, expandable system**  
Individually adaptable stand-alone system. Expandable to a monitoring network\*
- **Full service around machine diagnosis and rolling bearings**  
Consulting, commissioning, remote service, maintenance contracts, training courses, rolling bearing solutions etc.
- **Small price – great safety!**

\* in preparation

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