



Safety Through Vigilance!

FAG SmartCheck

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
- Easy to operate and integrate into existing systems
- Unique price/performance ratio
- Optimizing maintenance intervals and reducing costs

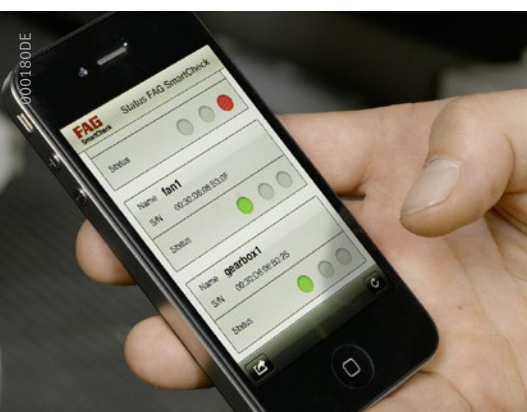
Condition Monitoring



Easy installation and commissioning



Pump monitoring with FAG SmartCheck



SmartPhone as alarm receiver

Field of applications

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

Operating benefits

- **Reliable real time monitoring on your machine**
Innovative vibration sensor with diagnosis technology
- **Intelligent process monitoring**
Recording of different process parameters and correlation with vibration signals
- **Intuitive operation**
Automatic adjustment of alarm thresholds thanks to self-learning mode (plug and play option), LED error indicator, direct data retrieval at the FAG SmartCheck using Internet Explorer oder Firefox
- **Easy integration into control system and station**
Analog and digital inputs and outputs, customer-specific ethernet protocols (Mitsubishi controller)
- **Versatile accessories**
FAG SmartLamp indicates the alarm status from a distance, FAG SmartConnectBox for the easy distribution of additional signals and much more
- **Full service from a single source**
Consulting, commissioning, remote service, maintenance contracts and training courses

Further information
www.schaeffler.com/services

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