

## Condition Monitoring Products



## FAG SmartCheck

High process security by means of decentralised machinery monitoring

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

The benchmark  
in machine  
monitoring

- Easy to operate and integrate into existing systems
- Unique price/performance ratio
- Applicable as condition guard
- 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
- Centrifuges
- Vibrating screens
- Cableways

## 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 as well as ethernet protocols (TCP / IP, UDP / IP, SCMP, Web services)
- **Versatile accessories**  
FAG SmartLamp indicates the alarm status from a distance, FAG SmartConnectBox for the easy distribution of additional signals, FAG SmartController Gateway for direct integration into control level, for example by means of Modbus/TCP
- **Full service from a single source**  
Consulting, commissioning, remote service, maintenance contracts and training courses

Further information  
[www.schaeffler.com/services](http://www.schaeffler.com/services)

**Schaeffler Technologies AG & Co. KG**  
Georg-Schäfer-Straße 30  
97421 Schweinfurt (Germany)

Internet [www.FAG-SmartCheck.com](http://www.FAG-SmartCheck.com)  
E-Mail [industrial-services@schaeffler.com](mailto:industrial-services@schaeffler.com)

Phone +49 2407 9149-66  
Fax +49 2407 9149-59