

FAG SmartQB



An easy way to keep an eye on things – with clear condition displays

FAG SmartQB is a new type of plug-and-play multichannel complete solution for the condition monitoring of equipment.

- Clearly understood plain text messages in the touch panel on the possible defect cause when changes occur in the condition of the equipment
- 24/7 monitoring for maximum plant availability
- Preconfigured for capture of anomalies in motors, pumps, fans etc.
- Output of up to five defect causes on the display: bearing damage, unbalance, friction/cavitation, temperature increases and basic variations
- Complete commissioning in only 5 minutes

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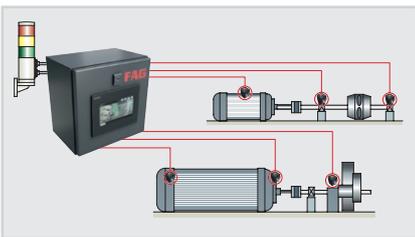
Online monitoring of motor and pump



Display on touch panel



Online monitoring of motor and fan



Industrial setup concept with FAG SmartQB

Typical areas of application for FAG SmartQB are motors, pumps and fans in the industry sectors:

- Cement
- Paper
- Steel
- Water management
- Machinery and plant engineering

Technical details

- For machinery with fixed and variable speeds from 100 to 15 000 rpm
- Preconfigured for up to six sensors
- Touch panel with plain text messages in more than 15 languages
- Minimal installation work, using just one cable
- Live display of current values
- Trend pattern/damage development
- RJ45 Ethernet interface for service technicians
- Contact address for expert support
- Static information on
 - operating hours
 - defect frequency (yesterday/today/overall)
 - maximum values
 - mean values since last evaluation

Scope of delivery of FAG SmartQB base unit

092482996-0000-10 Housing for FAG SmartQB with 7 inch touch panel, FAG SmartQB Sensor #1 incl. 10m Ethernet cable and power cable

Additional components

FAG SmartQB sensors (without cable)

092483194-0000-10	FAG SmartQB Sensor #1
092483224-0000-10	FAG SmartQB Sensor #2
092483232-0000-10	FAG SmartQB Sensor #3
092483461-0000-10	FAG SmartQB Sensor #4
092483496-0000-10	FAG SmartQB Sensor #5
092483518-0000-10	FAG SmartQB Sensor #6

Other components

092483160-0000-10	FAG SmartQB Lamp (incl. 2 x 10 m cables)
075222922-0000-10	FAG SmartQB Ethernet cable 10 m
075223252-0000-10	FAG SmartQB Ethernet cable 20 m
085792446-0000-10	FAG SmartQB Ethernet cable 30 m
088640272-0000-10	FAG SmartQB mounting frame for demonstration purposes

Schaeffler will assist you as required using its global network of experts.

Please feel free to contact us.