

# 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

**FAG**

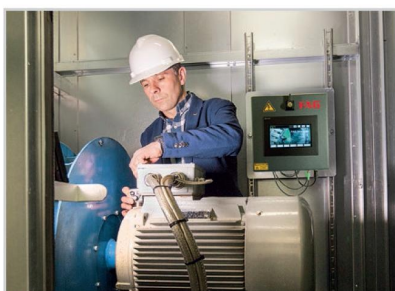
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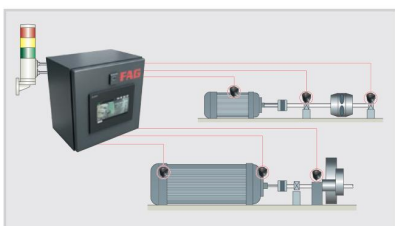
Online monitoring of motor and pump



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. 10 m Ethernet cable and power cable
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### 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.

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