

CONDITION MONITORING
FOR LOW VOLTAGE MOTORS

Motors that let you know when it's time for service

Monitoring and maintenance of low voltage motors installed across a plant is time consuming and expensive

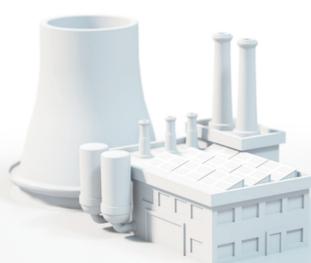
Failures or oversized motors add unnecessary costs



Many parts of the plant operate in "yesterday's world"

Nothing being sent, nothing being received. No value added from smart services.

Industrie 2.0



Industrie 4.0

Tomorrow's factory is smart, because it communicates



It gathers and shares data

Now millions of motors will become smart

Making intelligent services real for electric motors!



ABB Ability™ Smart Sensor

The gateway to tomorrow's smart factory



Advantages of the ABB Ability™ Smart Sensor

Simply attached directly to the motor

The ABB Ability™ Smart Sensor sends key operating data to the cloud



Motors let you know when it's time for service

ABB Ability™ Smart Sensor collects condition and performance data frequently

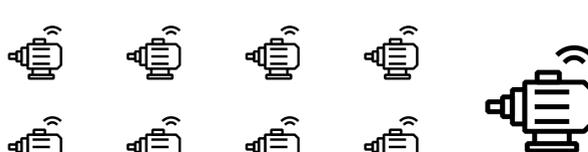


User-friendly information with reports, performance charts and graphs



Measured and analysed data provides recommendations on how to optimize operations

For millions of motors predictive maintenance becomes reality



Your advantages



The solution IoT even for small – and medium-sized companies

The smart sensor also enables small and medium-sized companies to benefit from the Internet of Things (IoT)



Up to **70 %** reduced unplanned downtimes



30 % extended motor lifetime



Up to **10 %** improved energy efficiency

ABB Ability™ Smart Sensor Your gateway to tomorrow's smart factory