



> Our technology. Your success.  
Pumps • Valves • Service



**Digital solutions from KSB**  
Take the first step with  
KSB Guard.

**KSB Guard**  
Taking the first step  
has never been easier.

1. Affix sensor unit ✓
2. Mount transmission and battery unit ✓
3. Attach gateway ✓
4. Register pump ✓



**KSB Guard video**

This video features a quick and clear summary of all steps required to activate KSB Guard.

Visit our web site [www.ksb.com/ksbguard](http://www.ksb.com/ksbguard) for further information or get in touch with your local KSB contact person for advice:

**KSB Guard Support**

Tel. +49 6233 86-3600  
E-mail [ksbguard-support@ksb.com](mailto:ksbguard-support@ksb.com)



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Further information is also available on the KSB Guard web site at [www.ksb.com/ksbguard](http://www.ksb.com/ksbguard).



**KSB SE & Co. KGaA**  
Johann-Klein-Straße 9  
67227 Frankenthal (Germany)  
[www.ksb.com](http://www.ksb.com)

**DIAGNOSIS:  
SMART.**



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## KSB Guard Digitalising your system really can be this easy.

Efficient industrial production is inextricably linked with digitalisation. This has been recognised by many plant operators. However, numerous companies are still facing difficulties on the path to digitalisation. And yet it can be so simple: with KSB Guard.

**KSB Guard allows you to maintain an overview of your pumps' data at all times without having to be physically on site.**

KSB Guard is your quick and easy introduction to the world of KSB smart services. KSB Guard can be quickly attached to your pumps and immediately helps you to make your system more reliable and reduce your operating costs. KSB Guard continuously records the vibration and temperature data of your pump and transfers it to the KSB cloud. Analysis of this and other pump data is then available to you anywhere and at any time via the KSB web portal and KSB Guard app. This enables you to detect faults more quickly than ever before and provides a reliable database for further optimisation measures on your system.

## A small step for you, but a giant leap for your system: Digital pump monitoring with KSB Guard

Quickly and easily attached to the pump, KSB Guard starts monitoring for deviations immediately. This allows you to fix problems before more substantial damage occurs. KSB Guard saves resources starting with the installation: The sensor unit is easy to install and pumps are quickly registered.

### An overview of the system

- 1. KSB Guard sensor unit:**  
A vibration sensor and a temperature sensor record data directly at the pump.
- 2. KSB Guard transmission and battery unit:**  
Supplies power to the sensor unit and transfers measurement data to the KSB Guard gateway.
- 3. KSB Guard web portal and app:**  
Data and additional information on the pump can be evaluated conveniently and easily in the app or accessed via a computer.



## Digitalisation leads to transparency. Transparency leads to efficiency.

Digitalised recording of your pumps' performance and status parameters offers you completely new insights into your system – and a whole host of benefits.

### Transparency

KSB Guard is a simple way to ensure that your system profits from one of digitalisation's greatest benefits: transparency. This transparency triggers a chain reaction which stands to significantly increase the efficiency of your system.

### Better maintenance strategies

Access to detailed information on the efficiency and overall condition of your pump enables you to optimise your maintenance tactics in a targeted fashion.

### Less frequent and more predictable downtimes

Better maintenance strategies allow you to take care of the procurement of spare parts and other maintenance services in good time. This helps you to predict and reduce downtime at your plant.

### Reduced operating costs

The less downtime your plant experiences, the more efficiently your system will operate – and the lower your operating costs will be.

### Further information and contact:

#### KSB Guard Support

Tel. +49 6233 86-3600  
E-mail [ksbguard-support@ksb.com](mailto:ksbguard-support@ksb.com)



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