

EASY RETROFITTABLE CONDITION MONITORING FOR YOUR DIGITAL FACTORY

## THE RIGHT HARDWARE FOR IIOT-PROJECTS

Our IoT gateways are modular, powerful and specially developed for industrial requirements. They seamlessly integrate into any existing infrastructure via plug & play—from basic condition monitoring to sophisticated analysis setups with edge computing capabilities.

### IOT IN.HUB GATEWAYS

DATA COLLECTION, PROCESSING  
& STORAGE



PRODUKTINFO

### APPLICATION AREAS

in.hub gateways provide comprehensive, real-time condition monitoring, ideally suited for the digitalization of industrial processes:

#### PRODUCTIVITY MONITORING

Real-time analysis of operational and machine data for improved efficiency.

#### PREDICTIVE MAINTENANCE

Early detection of anomalies enabling proactive maintenance.

#### REMOTE ACCESS & MONITORING

Remote monitoring and control of systems worldwide.

#### ALARMS ON THRESHOLDS & TRENDS

Customizable event alerts delivered via siinoes, SIGNAL4 app, SMS, or email

### TECHNICAL FEATURES

Gateways equipped with our siineos® operating system offer extensive functionality for your digital factory:

#### POWERFUL ON-EDGE DATA PROCESSING

Analysis & processing directly on the device - no cloud required.

#### INTEGRATED DATABASE

Data storage capability for months or years.

#### SEAMLESS IT-INTEGRATION

Interfaces to MES, ERP, DMS, cloud systems and much more.

#### BROAD PROTOCOL SUPPORT

OPC-UA, MQTT, Modbus RTU/TCP, analogue & digital inputs/outputs.

#### PLUG & PLAY INTEGRATION

Easy retrofit with compact design and universal interfaces.

# IOT IN.HUB MODULES & ACCESSORIES

MAXIMUM PERFORMANCE IN MINIMAL SPACE  
FOR TARGETED MONITORING OF MEASUREMENTS



## APPLICATION AREAS

in.hub modules are ideal for targeted condition monitoring of critical equipment components:

### CURRENT PATTERN MEASUREMENT & ENERGY MANAGEMENT

Analysis of power profiles to identify inefficient or faulty processes.

### VIBRATION ANALYSIS

Early detection of mechanical wear and failures.

### CONDITION-BASED MAINTENANCE

Component monitoring for optimization of to optimise maintenance maintenance intervals.

## TECHNICAL FEATURES

The modules integrate flexibly into existing systems—either as extensions or stand-alone solutions:

### MANUFACTURER-INDEPENDENT

Compatible with nearly all standard sensors, actuators, controllers and IT systems.

### SPECIALIZED MEASUREMENT

High-precision analysis of a variety of sensors for current, vibration, temperature, and more.

### COMPACT DESIGN & EASY RETROFIT

Engineered for industrial environments and tight installation spaces.

With in.hub, you get everything from one source—modular, scalable, and industry-proven. Ensuring your production is digitalized in a future-proof manner!