ENERCO Prod

Energy Control and Optimisation
Production

Présentation

Real time production monitoring system in industrial companies.

Data archiving and management of production parameters: operating indices.

01 Modular
Able to supervise an unlimited number of machines at a rate of two machines per central.

02 Installation
Quick and easy installation without the need to stop the machines.

03 Display
Monitoring on web interfaces, mobile and local server.

Communication
WIFI or WIRED

Dry contacts of PLC

Power supply by inverter

Power supply by inverter

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Technical specifications

- ⚡ Reading of the dry contacts states, coming from the PLC (24/0V).

- ⚡ Calculation of cycle times and comparison with theoretical ones.

- ⚡ Determination of the states and operating modes of the machines.

- ⚡ Calculation of the operation indices for maintenance management.

- ⚡ Wired Ethernet or WIFI connection.

- ⚡ Saving data in a cloud storage space or local server.

- ⚡ User-friendly Web interface allowing real-time visualization and access to data history in graphical or table mode.

- ⚡ Internal storage in offline mode and automatic synchronization until connection is restored.

- ⚡ Generation of reports: defects, production balance, history

- ⚡ Other software and hardware features can be added as needed.

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Added value

Real-time production monitoring	Faster detection of anomalies	Production mastery
Real-time monitoring of all operating parameters.	Detection of unexpected defect production : Diagnoses and interventions faster.	Different analyzes and statistics offered: Evaluation of cycle times and operating clues.

Data Communication

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Web application

Real-time and delayed production monitoring by consultation and analysis of history and generated reports.

Local application

Instant detection of anomalies.

Generation of operating indices.

Internal storage

• Data storage on a local server.

• Secure remote access to data.