



**BOGE logair**

# Remote Compressor Monitoring: **BOGE logair.**

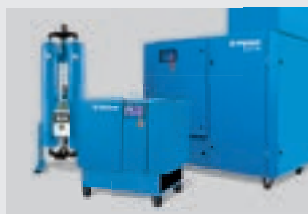


When full service contract customers use logair, should any alert messages be transmitted, a BOGE Service Technician will immediately be alerted and immediately arrange to visit your compressed air station to check the system for you.



## **WIRELESS DATA TRANSMISSION**

If any of the predefined limit values are exceeded, the BOGE **logair** unit will generate an alert signal. A description of the fault is then wirelessly transmitted to the appointed authorised persons by email, fax or SMS.



## **EFFICIENT MONITORING**

Modbus is able to visualise and monitor up to 64 process values of the **RATIO**, **FOCUS**, **PRIME** and **airtelligence** control systems. In addition, another eight digital and eight analogue inputs are available for ancillary equipment or any other makes or combination of compressors.



## **STRAIGHTFORWARD MAINTENANCE MANAGEMENT**

BOGE **logair** not only transmits alerts but it also logs operating hours providing maintenance interval data – for a dependable compressed air supply.



## **TRANSPARENT REPORTING**

All messages are transmitted with date and time for complete and transparent reporting. All data can be exported to popular file formats such as Excel or Word.

**One tool, four functions:** The **BOGE logair** is a wireless communication system that provides remote monitoring of a compressed air system via either a PC or mobile phone. **BOGE logair** is the ideal solution when a User wants a permanent on-line link, a fault detector, data storage, a remote data request system and visualisation over the internet without the necessity of a comprehensive management system. **logair** is very easy to install and totally reliable for monitoring compressors and other associated ancillary equipment that may be remotely located or difficult to access. **logair** is an innovation from **BOGE** that will help prevent failures or breakdowns to ensure an energy efficient and dependable compressed air supply.

### FLEXIBLE COMMUNICATION



Similar to a mobile phone, **BOGE logair** uses the GSM net for communication and therefore requires a SIM

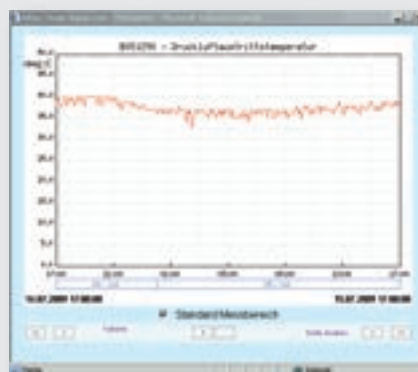
card in addition to an antenna and power supply. Once in place as soon as any of the predefined limit values of the operating parameters fall below or go over, a message will be transmitted to an appointed person – by SMS, email, voice mail, or fax. Identifying faults in this way means that the machine can be promptly checked and so downtimes prevented.

A data request system is available as an optional feature: data can be periodically retrieved from the **BOGE logair** and either downloaded directly to a PC or remotely via a mobile phone to a PC. Such data will provide a greater insight into compressed air usage patterns which in turn will assist in identifying further system optimisation opportunities.

There are two versions available: The **BOGE logair S** is equipped with four digital and two analogue inputs. Remote data request can be accessed through a mobile phone with messages then transmitted by SMS, email, voice mail or fax. The **BOGE logair M** Modbus version offers eight digital and analogue inputs. This tool enables visualisation of 64 process values of the **RATIO**, **FOCUS**, **PRIME** and **airtelligence** control systems via Modbus. Messages are transmitted in the same way as with **logair S**, moreover, users can use their PC to establish worldwide direct access to web visualisations without any additional software required.



The web display shows all measured operating data at a glance, e.g. temperature, pressure, operating and idling hours as well as scheduled compressor maintenance intervals.



The stored values can also be visualised as a line graph. Zoom in and scrolling features also allows close monitoring of the most important data at all times.



The status of each connected compressor can be visualised – additionally, the zoom-in and scrolling feature allows closer inspection and analysis of the acquired data.

**For four generations, customers from mechanical engineering, industry and trade have relied on BOGE know-how when it comes to planning, developing and manufacturing compressed air systems. They are fully aware of the fact that BOGE AIR is more than just ordinary compressed air: utmost safety, outstanding efficiency, excellent quality, maximised flexibility along with dependable service are the ingredients to transform BOGE AIR into air to work with – in Germany, in Europe and in more than 80 countries around the world.**

**Our ranges of services include the following:**

- Energy efficient systems development
- Plant design and engineering
- System control and visualisation
- Oil-free piston, screw and turbo compressors
- Oil injected screw compressors  
and oil lubricated piston compressors
- Compressed air treatment
- Compressed air distribution and storage
- Compressed air accessories
- Compressed air service



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