1 Data information notice in accordance with Regulation (EU) 2023/2854 (EU Data Act) for connected products

The Logamatic 5000/Control 8000 product range, represents the main interface for all compatible connected heating, cooling and hydraulic components.

This range includes the following components ("Products"):

- Logamatic 5313 / Control 8313
- Logamatic 5311 / Control 8311
- Logamatic 5310 / Control 8310
- FM-MM
- FM-MW
- FM-CM
- FM-AM
- FM-SI

Connected products and related services of Bosch Thermotechnik GmbH generate various data and information during their use. The following provides information about the data transferred and made available when using the product and related services, how to access this data, and your data rights.

2 Type, format, and estimated volume of product data

The following data may be generated during operation of the product.

The data generated varies depending on the specific use of the product.

Types of product data

- Temperature setpoint and actual values.
- Operating modes.
- Status, warnings, and alarm messages.
- Pump and valve modulation.
- Control and regulation parameters.
- Operating hours.
- System settings.

Depending on the configuration, a differing number and function of data points will be provided.

The data points are made available via the following different interfaces:

- Modbus TCP/IP Interface in HOLDING_REGISTER and INPUT_REGISTER

and/or

- USB Interface in .db/.sqlite data format for the last 7 days.

Estimated volume

- Modbus TCP/IP Interface

The data volume is approximately 64 bytes per data point and query.

- USB Interface

Depending on the system and plant behavior, the data volume is in the single-digit MByte range.

Data format

The number and function of available data points depend on the configuration.

Currentness of data

- via the Modbus TCP/IP interface

Data is continuously generated within the product, with updates occurring in the seconds range.

- via the USB interface

Data is generated for the last 7 days based on Change of Value (CoV).

3 Storage location and retention period

The data is stored in the product.

Data for the last 7 days is stored in the product's internal ring buffer (or "circular buffer"). Consequently, the oldest data is overwritten.

4 Access modalities

You can access the data generated and potentially stored within the product via:

- Modbus TCP/IP Interface
- USB Interface

Modbus TCP/IP Interface (using HOLDING_REGISTER and INPUT_REGISTER)

For detailed information on data generated during operation via Modbus TCP/IP, please refer to:

https://www.buderus.de/de/unternehmen/5000-modbus-9710

https://www.bosch-industrial.com/global/en/ocs/commercial-industrial/control-8000-system-and-boiler-control-unit-758987-p/

Depending on the system configuration, between 50 and 90 data points are provided per control system via the Modbus TCP/IP interface.

USB Interface (providing .db/.sqlite data for the last 7 days)

These file formats can be read and evaluated using common database programs.

One database file is stored per day and named with the specific date.

Data access requires the use of:

- Modbus TCP/IP Interface

- A computer with associated software or a controller for reading Modbus TCP data (Client).

- A network cable (CAT 6 category) is necessary to connect the modules to the computer or controller.

- USB Interface

- A USB stick in FAT32 format.

- A computer with associated software for reading and evaluating .db/.sqlite file formats.

Please refer to the product's respective installation and service manual for connection and setup instructions.