TDE Instruments

Digalox® DPM36 Config

Instruction manual (Rev-2025-11)

Description

Digalox DPM36 Config is a Windows Command Prompt application, it has no graphical user interface. It is used to configure and read out values from a Digalox DPM36 device. Value outputs start with the word "value:" and contain the message counter, measurement mode, measurement value, minimum and maximum value. All parts of value outputs are separated by ";". The number formatting is generally English, except for the value outputs where it corresponds to the operating system defaults. In order to write the output into a file instead of writing it to the Command Prompt window the Windows command redirection operator ">" can be used.

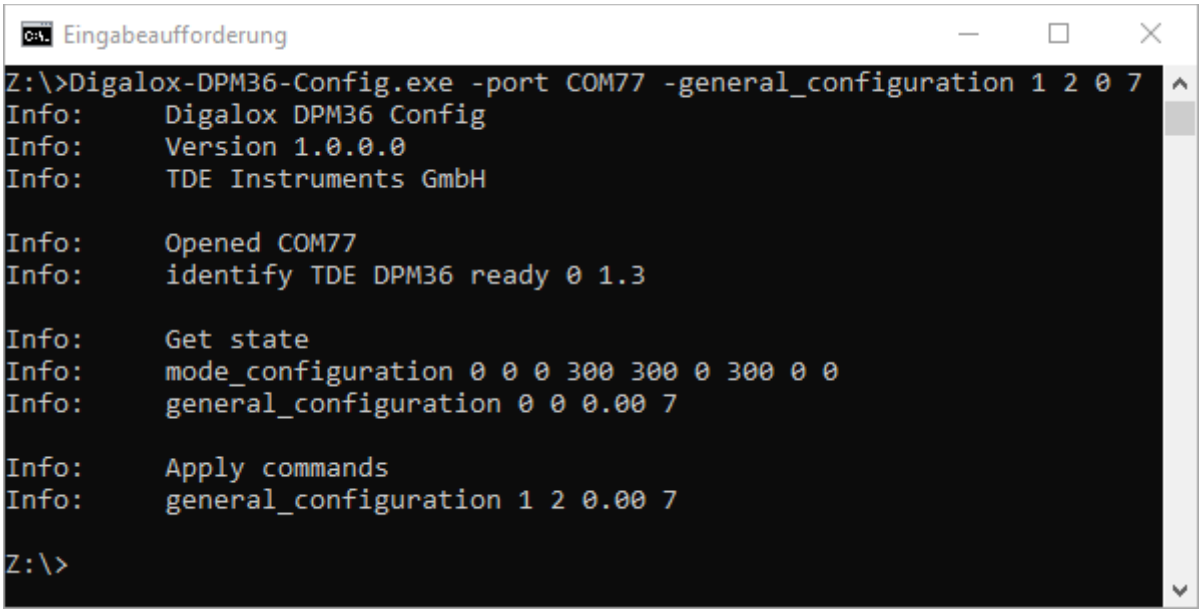
Installation

The application is provided as a zip file. It should be unpacked at any location.

Usage

Open the Windows Command Prompt by clicking the Start button, typing "cmd" and pressing Enter. Navigate to the location where you unpacked the application.

Start the application:
Digalox-DPM36-Config.exe [OPTIONS]



OPTIONS:

-file FILENAME	Load all parameters from the text file with name FILENAME
-port PORT	PORT ("COMx") to which the DPM36 is connected (if PORT is omitted all available ports are shown)
-silent	Suppress status information (output may contain measurement

	values and warnings only)
-debug	Additionally output all queries sent to and responses from the device (has no effect if combined with option -silent or -csv)
-log	Continually output measurement values (LIVE_DATA has to be enabled on the device via general_configuration)
-csv	Suppress status information and continually output measurement values with timestamps in CSV format (LIVE_DATA has to be enabled on the device via general_configuration)
-value	Get measurement value
-mode_configuration	Change configuration of the measurement mode
MODE_NUMBER	Measurement mode to be configured (0–3)
TYPE	Measurement type (0: Volt AC, 1: Ampere AC, 2: Volt DC, 3: Ampere DC, 4: Volt Hz, 5: Watt AC, 6: Watt DC)
BASE	Base value for scaling
TOP	Top value for scaling
BAR	Maximum value for bar graph
LOWER	Display value when BASE is measured
UPPER	Display value when TOP is measured
SYMBOL	Visibility of symbols (0: default symbols according to measurement type, 1: custom configuration). In case of custom configuration, the symbols can be switched on by adding their values to the value for custom configuration (1). Encoding of symbols: V(2), A(4), Hz(8), W(16), m(32), AC(64), DC(128), 1(256), 2(512), min(1024), max(2048)
SMOOTH	Not implemented
-general_configuration	Change general configuration
LIVE_DATA	Live data transmission via interface (0: off, 1: on)
DATA_RATE	Live data rate (1: 5/sec, 2: 1/sec, 3: 1/10sec, 4: 1/min, 5: 1/10min, 6: 1/30min, 7: 1/hour)
THRESHOLD	Threshold for low supply voltage warning (floating point number)
CONTRAST	Contrast (0–15, 0: top view, 15: bottom view)

Examples:

1. Get state of device at port COM77

```
Digalox-DPM36-Config.exe -port COM77
```

2. Change general configuration

```
Digalox-DPM36-Config.exe -port COM77 -general_configuration 1 2 0 7
```

3. Log measurement values

```
Digalox-DPM36-Config.exe -port COM77 -log
```

4. Save measurement values in a CSV file

```
Digalox-DPM36-Config.exe -port COM77 -csv > output.csv
```

Contact information

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