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This section describes the bundle for K8055 sensors

1 Context

The [Velleman K8055](#) is low-cost USB acquisition board with 5 digital inputs, 8 digital outputs, 3 analog inputs with attenuation and amplification option and 2 analogue outputs (PWM).

The K8055Producer bundle registers one Producer service producing Measurement, Double or String objects for digital and analog inputs ...

2 Dependencies

This bundle requires :

- LibUSB Java

3 Build

3.1 Sources

- trunk/bundles/sensors/k8055producer/

4 Felix command

The bundle provides also a command for Felix

```
-> k8055 help k8055 help : display this help k8055 get d <value> : get value k8055 set d <value>
: set value k8055 get d<port> <value> : get value k8055 set d<port> <value> : set value k8055
get a<port> <value> : get value k8055 set a<port> <value> : set value Syntax : k8055
[-p:(number)] [-d:(value)] [-a1:(value)] [-a2:(value)] [-num:(number)] [-delay:(number)]
[-dbt1:(value)] [-dbt2:(value)] [-reset1] [-reset2] [-debug] * -p:(number) Set board address
(0-3) * -d:(value) Set digital output value (8 bits in decimal) * -a1:(value) Set analog output
1 value (0-255) * -a2:(value) Set analog output 2 value (0-255) * -num:(number) Set number of
measurements * -delay:(number) Set delay between two measurements (in msec) * -dbt1:(value) Set
debounce time for counter 1 (0-7450 in msec) * -dbt2:(value) Set debounce time for counter 2
(0-7450 in msec) * -reset1 Reset counter 1 * -reset2 Reset counter 2 * -debug Activate debug
mode
```

5 Links

- <http://libk8055.sourceforge.net>
- K8055 iPhone app <http://k8055.transcendsolutions.net>

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Creator: xwiki:XWiki.donsez Date: 2010/07/26 10:21

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