

KELLER bus/communication protocols and code samples

The following content can also be found on

<https://github.com/KELLERAGfuerDruckmesstechnik/CodeSamplesAndProtocols>

Software Disclaimer

<https://download.keller-druck.com/api/download/NcL5jy6xdYhGEWiXYbrsvQ/en/latest.pdf>

Bus Protocols & Communication Protocols

Protocol descriptions of the serial BUS interface (commands) and the IoT communication protocol

- ConverterK114, dv2, LEX, Serie30, 4LD-9LD, DCX, Leo Record, SDI-12, ARC1, ADT1, GSM2-Dataformat

<https://keller-druck.com/en/downloads?categories=Software.Communication-Protocols>

Compiled DLL

S30c.dll for communication with all KELLER digital products, in particular series 3X and 4X transmitters. This DLL is used in the READ30 program and in a few programming examples. DCXc.dll for communication with all KELLER digital loggers, in particular the DCX and LEO-Record series. These DLLs enable communication via serial interface and can be run in various programming languages under Windows OS.

- S30c.dll / S30c_64bit.dll / DCXc.dll

<https://download.keller-druck.com/api/download/ikMe6m9kh2JgnoQSVFiDgJ/en/latest.zip>

C++ code sample

Sample program for the communication with KELLER devices, in the programming language C++

- C++ / Source and compiled DLL

<https://download.keller-druck.com/api/download/2nFE9ZQgSTtb8ibCwL6gq6/en/latest.zip>

LabVIEW code sample

Sample program for the communication with KELLER devices, in the LabVIEW Development System

- KELLER RS485 Library

<http://sine.ni.com/nips/cds/view/p/lang/de/nid/218469>



.NET / C# code samples

Sample program for the communication with KELLER-devices, in the programming language C# (.NET)

- C#
<https://github.com/KELLERAGfuerDruckmesstechnik/KellerProtocolDemos/tree/master/KellerProtocol>
- WPF
<https://github.com/KELLERAGfuerDruckmesstechnik/KellerProtocolDemos>
- UWP
<https://github.com/KELLERAGfuerDruckmesstechnik/KellerProtocolDemos>
- Older samples
<https://download.keller-druck.com/api/download/QifGxzGiguLWk2rGZCAvB4/en/latest.zip>



Python code sample

Sample program for the communication with KELLER-devices, in the programming language Python

- Python
https://github.com/KELLERAGfuerDruckmesstechnik/keller_protocol_python
Available also via PyPI: <https://pypi.org/project/keller-protocol/>

Delphi code sample

Sample program for the communication with KELLER-devices, in the programming language Delphi

- Delphi
<https://download.keller-druck.com/api/download/RJvAp5PLrLWKniahHwDC2P/en/latest.zip>

Visual Basic code sample

Sample program for the communication with KELLER-devices, in the programming language Visual Basic

- VB
<https://download.keller-druck.com/api/download/JJei2AT5n4d6xtUXsXVm2P/en/latest.zip>

Visual Basic for Applications (eg. Excel) code sample

Sample program for the communication with KELLER-devices, in the programming language Visual Basic for Applications (Microsoft Office)

- Excel samples using S30c.dll
<https://download.keller-druck.com/api/download/7RkHoYADdzBLNvadP9s5iF/en/latest.zip>

Agilent VEE code sample

Sample program for the communication with KELLER-devices, in the programming language Agilent Visual Engineering Environment (VEE)

- VEE
<https://download.keller-druck.com/api/download/zL7auM9Ua6eTUW48g8Lv7a/en/latest.zip>

For KOLIBRI Cloud: API daemon example with permanent access token

This example code shows basic access to the KOLIBRI Cloud API using an access token from KELLER to gather measurement data from the KOLIBRI Cloud. The API's specification can be found here: <https://api.kolibricloud.ch/swagger/index.html?url=/swagger/v1/swagger.json> or on https://docs.kolibricloud.ch/cloud-interfaces/api/access_details/

- Python
<https://github.com/KELLERAGfuerDruckmesstechnik/Kolibri-Cloud-API-daemon-example-with-access-token>
- C#
<https://github.com/KELLERAGfuerDruckmesstechnik/Kolibri-Cloud-API-daemon-example-with-access-token>

Windows Desktop software programs

Windows Desktop SW such as KOLIBRI Desktop, GSM-Setup, ControlCenterSeries30 (CCS30), K-114 Config, Conductivity Calibration Tool, Datamanager, Pressure Switch Console and more. See <https://keller-druck.com/en/products/software>.

