

KELLER Pressure bus/communication protocols and code samples

The following content can be found on

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

Software Disclaimer

<https://download.keller-pressure.com/api/download/NcL5iy6xdYhGEWiXYbrsvQ/en/latest.pdf>

Bus Protocols & Communication Protocols

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

- Converter K114, dv2, LEX, Serie30, 4LD-9LD, DCX, LEO-Record, SDI-12, ARC1, ADT1, GSM2-Dataformat

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

Compiled DLL

S30c.dll for communication with all KELLER Pressure 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 Pressure 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-pressure.com/api/download/ikMe6m9kh2JgnoQSVFiDgJ/en/latest.zip>

C++ code sample

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

- C++ / Source and compiled DLL

<https://download.keller-pressure.com/api/download/2nFE9ZQgSTtb8ibCwL6gg6/en/latest.zip>

LabVIEW code sample

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

- KELLER Pressure 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 Pressure 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>

Python code sample

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

- Delphi
<https://download.keller-pressure.com/api/download/RJvAp5PLrLWKniaHwDC2P/en/latest.zip>

Visual Basic code sample

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

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

Visual Basic for Applications (eg. Excel) code sample

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

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

Agilent VEE code sample

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

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

Matlab code sample

Sample program for the communication with KELLER Pressure devices, in the programming language Matlab (R2022b)

- Matlab
<https://github.com/KELLERAGfuerDruckmesstechnik/CodeSamplesAndProtocols/tree/master/Matlab>

For PressureSuite Cloud: API daemon example with a permanent access token

This example code shows basic access to the PressureSuite Cloud API using an access token from KELLER Pressure to gather measurement data from the PressureSuite Cloud.

The API's specification can be found here:

<https://api.pressuresuite.com/swagger/index.html?url=/swagger/v1/swagger.json>

or on https://docs.pressuresuite.com/cloud-interfaces/api/access_details/

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

Windows Desktop software programs

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

