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/ikMe6m9kh2JgnoOSVFiDgJ/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

  KELLER SOFTWARE RS485 Library — AVAILABLE ON NI TOOLS NETWORK

- Older samples
  https://download.keller-druck.com/api/download/RCmxt6uoDcmmD29J5ETTNc/en/latest.zip

.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

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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 Dekstop 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.

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