

Documentation Beckhoff Terminal Position 1.2

This document describes the usage and installation of the EtherCAT Framework driver library “Beckhoff Terminal Position“ version 1.2.

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1 General Information

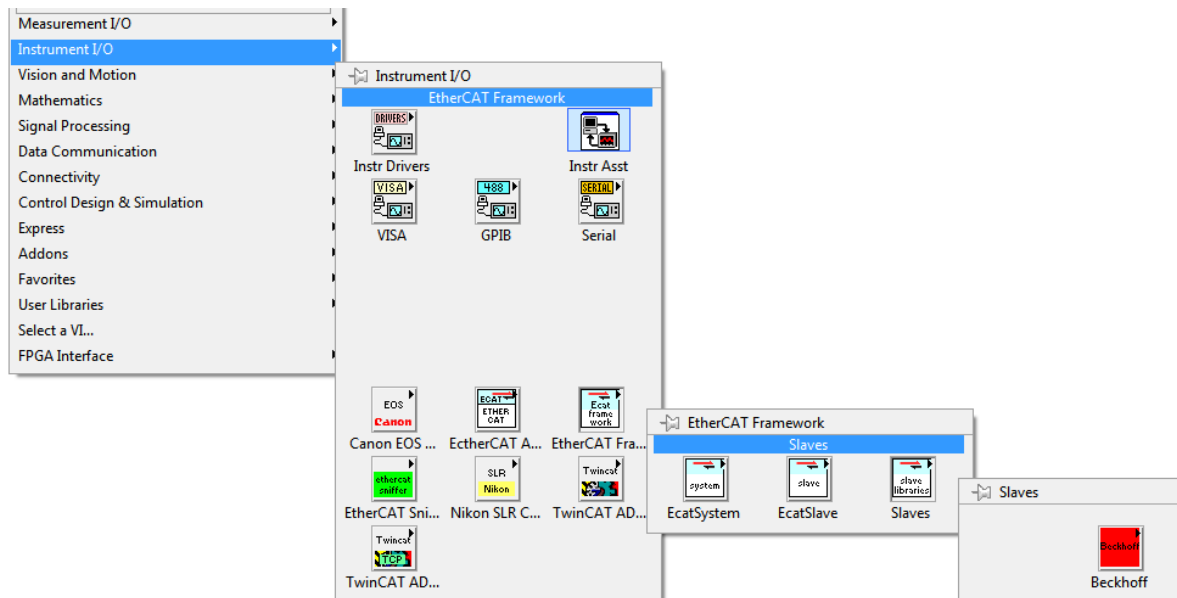
The Beckhoff Terminal Position driver library is based on the EtherCAT Framework and covers Beckhoff EtherCAT terminals for position measurement. It consists of different classes for terminal types and provides VIs for the specific functionality and configuration of the corresponding terminals.

2 Installation

2.1 LabVIEW Library

The installer installs files directly to the LabVIEW folder (..\program files\National Instruments\LabVIEW xx\..)

The functions palette is installed in Instrument Drivers.



2.2 LabVIEW Examples

The examples are installed in the LabVIEW examples folder “..\Program Files\National Instruments\LabVIEW xx\examples\Ackermann Automation\EtherCAT Framework “.

2.3 Documentation

All further documents can be found in:

“..\Program Files\Ackermann Automation\EtherCAT Framework\Docs“

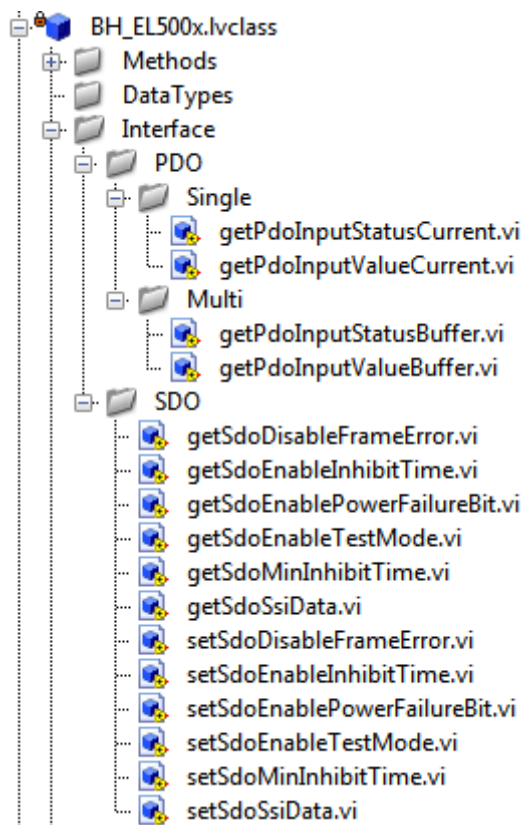
The VI documentation can be found in the help chm files of the VI libraries.

3 Slave Classes

3.1 EL500x

This class covers the SSI encoder interface terminals EL5001 and EL5002

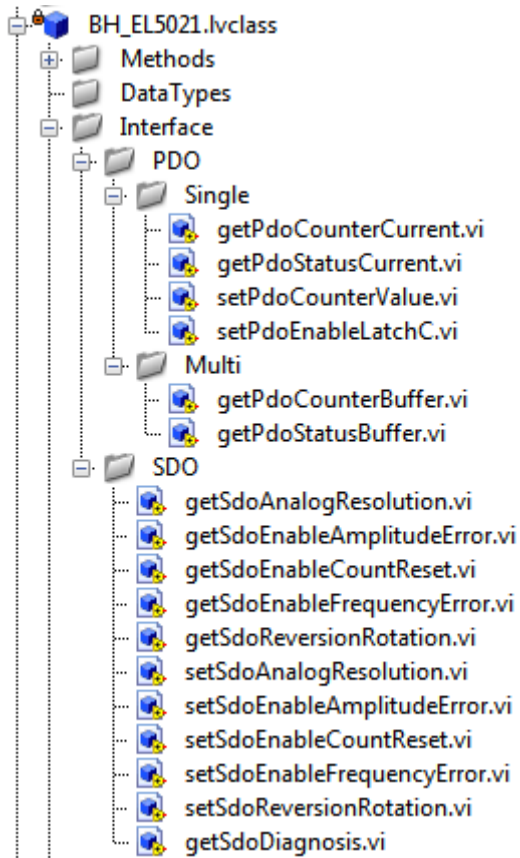
These following VIs are included in the library:



3.2 EL5021

This class covers the SinCos encoder interface terminal EL5021

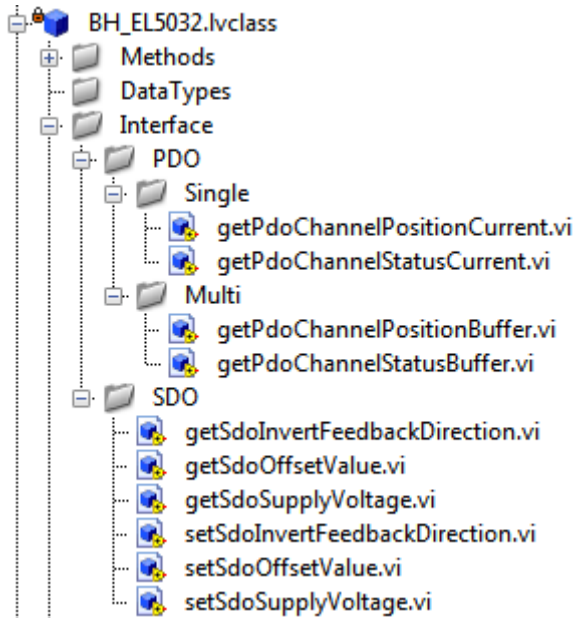
These following VIs are included in the library:



3.3 EL5032

This class covers the EnDat 2.2 interface terminal EL5032

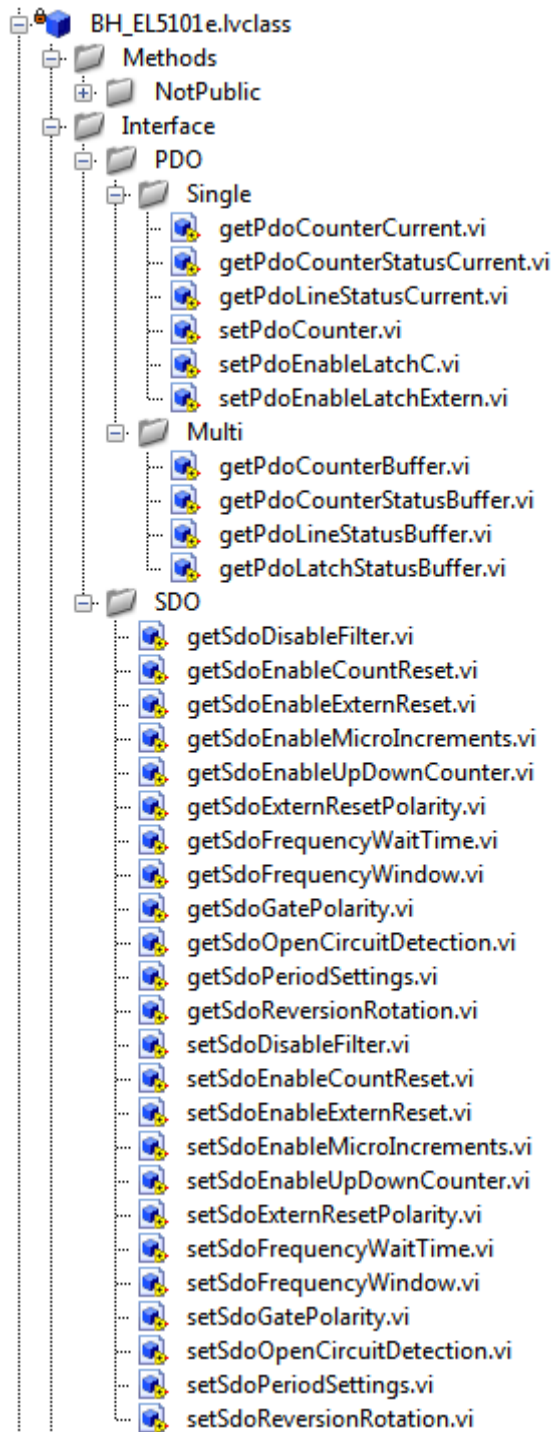
These following VIs are included in the library:



3.4 EL5101

This class covers the Incremental encoder interface terminals EL5101

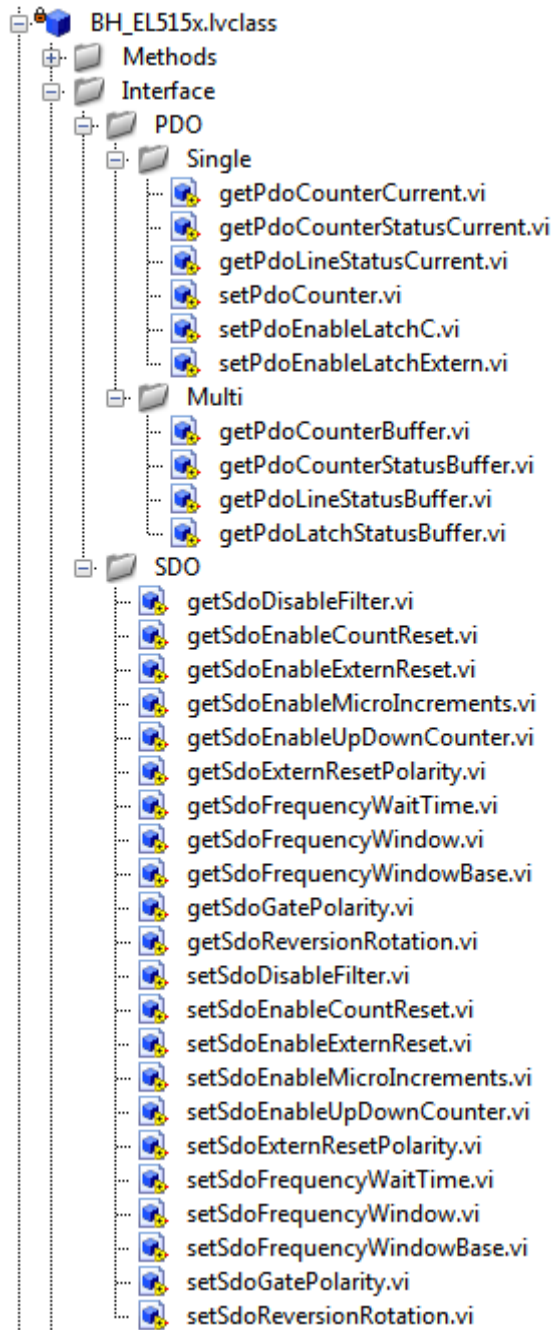
These following VIs are included in the library:



3.5 EL515x

This class covers the incremental encoder interface terminals EL5151 and EL5152

These following VIs are included in the library:



4 Support

For support contact:

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