PLC Laboratary

Contents

- PLC in the automation environment
- Set-up and function of a PLC
- Tasks of the input/output assemblies
- Centralized and decentralized I/O
- System project planning and programming using Indraworks Engineering
- Programming languages LD, ST and FBD
- Step chain programming in SFC
- Basic commands of the PLC with transfer tasks
- Creating, loading and testing simple programs
- Data backup and data restoration

Learning targets

- Transferring the basic PLC knowledge on the integration of more components (drives, bus systems, visualizations, etc.) into one system
- Understanding basic modes of operation and connections of the PLC technology, incl. application and test at the training system
- Basis for advanced training courses on the topic
- Developing automation systems using PLC