

COURSE CONTENT "2 DAYS"

SINAMICS S120 ServoDrives at fieldbus with SIMATIC S7

Prerequisites

- Basic knowledge of Windows PC
- SIMATIC S7 Advanced Training Course
- Basics of drive technology for frequency converters
- Basic Course bus systems with SIMATIC S7

Contents

- Presentation of various SIEMENS frequency converters
- Drive configuration with the SIZER software
- Commissioning and parameter assignment of this converter
- Parameter assignment structure with authorization levels
- Parameter assignment ServoDrive SINAMICS S120 with the Starter software
- Commissioning with servomotor, absolute encoder and with Drive-CLiQ
- Fault-finding
- Coupling of a ServoDrive SINAMICS S120 to a PLC S7 through PROFINET
- Commissioning of a SIMATIC S7-300 CPU 315F-2PN/DP as an I/O controller
- Setting up the frequency converter as an I/O device at PROFINET
- Remote parameter assignment and remote control of the frequency converter through PROFINET
- Commissioning of a positioning application with ServoDrive SINAMICS S120
- Graphic plotter and controller optimization with ServoDrive SINAMICS S120 and the STARTER software

This program serves as the lead and guideline for the course, with us placing great value on the practical applications.

We will naturally be pleased to deal with any individual suggestions, wishes and questions from the participants.