SIEMENS

Online-Training - SINAMICS S120 - Parameterizing Advanced (DR-S12-PA)

Short Description

In this technology course for SINAMICS S120, you will learn how you can use integrated position control for positioning and synchronization. You will create flexible function extensions with Drive Control Chart DCC.

Also available as face-to-face training

Objectives

You already have an understanding of parameterization and commissioning of the SINAMICS S 120 drive system.
In this technology course, you will learn how you can use integrated position control for positioning and synchronization. You will create flexible function extensions with Drive Control Chart DCC.
After the course, you will know these drive system function extensions. You can commission the drive for demanding and complex applications and use the possibilities for the Startdrive PC program in TIA Portal for efficient work.

Target Group

Engineers, programmers
Startup engineers, configuration engineers

Content

Position control and basic positioner:
- Configuration and commissioning
- Operating modes: Referencing, setpoint setting and positioning block

Drive Control Chart DCC:
- Creation of DCC programs
- Using block libraries
- Diagnostics using reference data and online test

Application examples for DCC:
- Customization of control parameters in relation to operating points
- Function extensions for curve synchronization and axis coupling

Distributed synchronization via SINAMICS link
Communication with SIMATIC S7
Overview of available applications
Practical exercises on training equipment with SINAMICS S120

Prerequisites

- Good knowledge of parameterization and commissioning of SINAMICS S120 in accordance with course DR-S12-PM (formerly DR-SNS-SI) or DR-S12-PMT.
- Knowledge of SIMATIC S7 is advantageous for the theme of communication.
- Technical requirements > MyLiveZone

Note

none

Type

Online-Training

Duration

5 days

Language

en