

SINAMICS G120 - Parameterizing Advanced (DR-G12-PA)

Ziele

You will already know how to parameterize and commission the SINAMICS G120 drive system. This course will teach you about drive-based safety functions and communication via PROFINET. You will learn how to use the basic positioner functions of the CU250-2 Control Unit for single-axis motion control applications. When you have completed the course, you will be able to commission these functions for complex applications and make use of the diverse capabilities of the SINAMICS G120 system.

Zielgruppe

Programmer
Commissioning personell

Inhalte

Commissioning the SINAMICS G120 in the TIA Portal with Startdrive
Basic positioner:
▪ Commissioning and closed-loop position control
▪ Operating modes and traversing blocks
Communication with SIMATIC S7 via PROFINET:
▪ Transfer of process data
▪ Changing parameters and traversing blocks
Control modes and measuring functions
Technology controller: Commissioning and adaptation
Drive-based safety functions via terminals
Interconnection of signals with free function blocks.
Practical exercises on training equipment with SINAMICS G120 and SIMATIC S7-1200

Teilnahmevoraussetzung

Good knowledge of parameterization and commissioning of SINAMICS G120 in accordance with course DR-G12-PM (formerly DR-G120).

Hinweise

Knowledge about the SIMATIC TIA Portal is helpful as taught in one of the courses TIA-PRO1, TIA-SERV1 or TIA-MICRO1.

Typ

Präsenztraining

Dauer

3 Tage

Sprache

en