

Parametrizzazione convertitori SINAMICS G120 tramite SIMATIC Startdrive (SIE-G12TIA)

Short Description

The possibility of integrating SINAMICS G120 drives into the TIA Portal environment allows for improved versatility and system management. The course will provide you with the basic skills for the first commissioning of a SINAMICS G120. It will allow you to acquire the basics for parameterizing a SINAMICS G120 drive through SINAMICS Startdrive and its command and control with the use of the Drive_Lib functions with a SIMATIC S7-1200 automation system.

Objectives

After attending the course, you can:

- Integrate a SINAMICS G120 drive into a TIA Portal project
- Establish a connection between a SINAMICS G120 and a SIMATIC S7-1200
- Carry out a speed and position check via library functions
- Use the diagnostic functions of the TIA Portal

Target Group

Programmers
Commissioning engineers
Engineering personnel
Maintenance personnel
Service personnel

Content

- Architecture of a SINAMICS G120 system and types
- Parameterization of a SINAMICS G120 via SINAMICS Startdrive
- Speed control of a SINAMICS G120 via SINA_SPEED
- Positioning control of a SINAMICS G120 via SINA_POS
- Reading and writing parameters via SINA_PARA
- Basic diagnostics and trace functions
- System diagnostics

Theoretical knowledge will be deepened with practical exercises by accessing a remote system. This is made up of:

- SINAMICS G120
- SIMATIC S7-1200
- PC station with SIMATIC STEP 7 Basic (TIA Portal) and SINAMICS Startdrive

Prerequisites

SIE-G12GS course or equivalent basic knowledge of automation systems.
Knowledge of SIMATIC S7-1200 automation system is recommended.

Note

This course delivery data will be decided together with you: please get in touch to digitalindustryacademy.rc-it@siemens.com, tell us your needs and we'll be glad to find a tailored solution for you!

[Submit Training Request](#)

At the end of the course you can deepen the topics covered through our **SIE-learning 4.0**: SIE-G12TO.

Type

Online-Training

Duration

4 hours

Language

it

Fee

760 EUR
Price for semi individual session up to 2 participants

1400 EUR
Price for session up to 5 participants