

Online-Training: SINAMICS S120 -Communication with PLC / Online-Kurs: SINAMIC S120 - PLC ile Haberleme (DR-S12-NET)

Short Description

In this live online course, you will receive a basic level training in Starter software and the Siinamics G120 motor driver connected to it.

Objectives

SINAMICS S120 allow the variable-speed operation of induction motors to drive pumps, fans, conveyor systems and many other machines. This course shows you how to handle the SINAMICS S120 inverter.

After the course you are able to be correctly commission the inverter and adapt it to address the particular application. You know suitable inverter functions and parameter settings for a wide range of applications. You can make a data backup, and taking the appropriate measures when faults occur.

Target Group

Commissioning engineers
Service personnel

Content

- Design and functional principle of the converter system SINAMICS S120:
- Control unit, line infeed and motor modules,
- Motors, encoders and interfaces
- Parameterization, data backup and diagnostics using Software STARTER:
- Online connection via PROFIBUS and Ethernet
- Project structure: drive objects and drive components
- Function charts: setpoint channel
- Control signals and internal signal interconnection
- Functional principle of the control modes Servo and Vector
- Introduction to Safety Integrated
- Drive side interface to SIMATIC S7 via PROFIBUS and PROFINET
- Practical exercises at training kits with SINAMICS S120 in frame size booksize

Prerequisites

Basic knowledge of electrical engineering

Type

Online-Training

Duration

1 day

Language

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Fee

199 EUR
(price without 18% VAT)