

## SINAMICS G120 – Parameterizing and Commissioning (DR-G12-PM)

### Short Description

SINAMICS G120 Wiring, Commissioning and Diagnostics

### Objectives

SINAMICS G120 allows 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 G120 inverter.

After the course you are able to be correctly Wire Inputs and Outputs, commission the inverter, do problem solving, 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, configuring engineers

Service personnel

Maintenance personnel

### Content

Wire Inputs and Outputs according to schematic diagram (control switches, Relays and Light indicators)

Design and principle of operation of the SINAMICS G120 inverter with:

Control Unit CU

Power Module PM

Parameterization, data backup and diagnostics with:

BOP-2 and IOP operator panels

STARTER PC tool

Setpoint channel and closed-loop control

Control signals and signal interconnections

Inverter functions

Practical exercises using the training device with:

SINAMICS CU240E-2 PN with PM 240 FS A

SIMOTICS induction motor

### Prerequisites

Completion of SD-DRV-FUN course

### Type

Face-to-face training

### Duration

5 days

### Language

en

### Fee

21,040 ZAR